

# Sediment-Hosted Copper Deposits of the World: Deposit Models and Database

Dennis P. Cox, David A. Lindsey, Donald A. Singer, and Michael F. Diggles - USGS OF03-107

DepositID 1 Cont AF NameDeposit Mehirize

OtherNames

Includes

Country Code ALGR Country Algeria StateProvince

Lat.Deg 33 Long.Deg 0 Dec.Lat 33.8472222

Lat.Min 50 Long.Min -20 Dec.Long -341666667

Lat.Sec 50 Long.Sec -30 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Green argillite, sandstone

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 2 Cont AF NameDeposit Tansrift  
OtherNames Tamarift  
Includes  
Country Code MRCO Country Morocco  
Lat.Deg 33 Long.Deg -4 Dec.Lat 33 StateProvince  
Lat.Min 0 Long.Min -15 Dec.Long -4.25  
Lat.Sec 0 Long.Sec 0 GeolProv 2061  
OreMmt 1 CuGrade% 1.3 CoGrade% AgGradeppm  
CuMmt .013

DepositType Redbed Cu

Age Cretaceous Ma 120 Unit

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422.

Habashi F. and Bassyouni, F.A., 1982, Mineral resources of the Arab countries: Quebec, Chemecon Publishing Ltd., Laval Univ., 2nd Edition. 112 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 3 Cont AF NameDeposit Tiloula

OtherNames

Includes

Country Code ALGR Country Algeria

Lat.Deg 32 Long.Deg 0 Dec.Lat 32.85 StateProvince

Lat.Min 51 Long.Min -27 Dec.Long -.45

Lat.Sec 0 Long.Sec 0 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Green argillite, sandstone

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 4 Cont AF NameDeposit Djebel Djara

OtherNames

Includes

Country Code ALGR Country Algeria

Lat.Deg 32 Long.Deg 0 Dec.Lat 32.8333333 StateProvince

Lat.Min 50 Long.Min -14 Dec.Long -.241666667

Lat.Sec 0 Long.Sec -30 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Green argillite, sandstone

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 5 Cont AF NameDeposit Garat Debba

OtherNames

Includes

Country Code ALGR Country Algeria

Lat.Deg 32 Long.Deg 0 Dec.Lat 32.77 StateProvince

Lat.Min 46 Long.Min -40 Dec.Long -.666666667

Lat.Sec 12 Long.Sec 0 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Green argillite, sandstone

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 6 Cont AF NameDeposit Ain Sefra

OtherNames

Includes

Country Code ALGR Country Algeria

Lat.Deg 32 Long.Deg 0 Dec.Lat 32.75 StateProvince

Lat.Min 45 Long.Min -35 Dec.Long -.583333333

Lat.Sec 0 Long.Sec 0 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Green argillite, sandstone

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 7 Cont AF NameDeposit Merija

OtherNames Meridja

Includes

Country Code MRCO Country Morocco

Lat.Deg 31 Long.Deg -2 Dec.Lat 31.5 StateProvince

Lat.Min 30 Long.Min -58 Dec.Long -2.96666667

Lat.Sec Long.Sec GeolProv 2058

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous Ma 120 Unit

HostRocks Conglomerate, white sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 8 Cont AF NameDeposit Argana

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 30 Long.Deg -9 Dec.Lat 30.7833333 StateProvince

Lat.Min 47 Long.Min -06 Dec.Long -9.1

Lat.Sec 0 Long.Sec 0 GeolProv 2053

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 235 Unit

HostRocks Red argillaceous sandstone, bleached

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Calcareous cement. Little or no organic matter

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 9 Cont AF NameDeposit Tirzzitt

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 30 Long.Deg -7 Dec.Lat 30.4666667 StateProvince

Lat.Min 28 Long.Min -30 Dec.Long -7.5

Lat.Sec 0 Long.Sec 0 GeolProv 2061

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Red and green sandstone and mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 10 Cont AF NameDeposit Talat n Ouamane

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 30 Long.Deg -8 Dec.Lat 30.0944444 StateProvince

Lat.Min 5 Long.Min -21 Dec.Long -8.35

Lat.Sec 40 Long.Sec GeolProv 2061

OreMmt 3 CuGrade% 1.5 CoGrade% AgGradeppm

CuMmt .045

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit

HostRocks siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 11 Cont AF NameDeposit Iminirfi

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 30 Long.Deg -8 Dec.Lat 30.0625 StateProvince

Lat.Min 03 Long.Min -24 Dec.Long -8.40833333

Lat.Sec 45 Long.Sec -30 GeolProv 2061

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Dolomite, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 12 Cont AF NameDeposit Agoujgal

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 29 Long.Deg -9 Dec.Lat 29.3833333 StateProvince

Lat.Min 23 Long.Min -2 Dec.Long -9.03333333

Lat.Sec Long.Sec GeolProv 2061

OreMmt 0.8 CuGrade% 1.7 CoGrade% AgGradeppm

CuMmt .0136

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks Arkose

HangingwallBeds Dolomite, gypsum

FootwallRocks Siltstone

Mineralogy

TraceMinerals

Comments

Reference Chazan, W., and Fauvelet, E., 1962, Copper stratiform deposits in western Anti Atlas (Morocco) in Lombard, J. and Nicolini, P. Stratiform copper deposits in Africa, Part 1, Lithology and sedimentology: International GeologicCongress, 20th, Copenhagen,1960, p. 43-52.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 13 Cont AF NameDeposit W Araba

OtherNames

Includes

Country Code EGPT Country Egypt

Lat.Deg 29 Long.Deg 32 Dec.Lat 29.25 StateProvince

Lat.Min 15 Long.Min 28 Dec.Long 32.4666667

Lat.Sec 0 Long.Sec 0 GeolProv 2036

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Caboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, azurite, chrysocolla

TraceMinerals

Comments

Reference Habashi F. and Bassyouni, F.A., 1982, Mineral resources of the Arab countries: Quebec, Chemecon Publishing Ltd.,Laval Univ., 2nd Edition.112 p.

DepositID 14 Cont AF NameDeposit Sarabit Al Khadin

OtherNames

Includes

Country Code EGPT Country Egypt

Lat.Deg 28 Long.Deg 32 Dec.Lat 28.9666667 StateProvince

Lat.Min 58 Long.Min 28 Dec.Long 32.4666667

Lat.Sec Long.Sec GeolProv 2033

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Carboniferous Ma 340 Unit

HostRocks Sandstone, clay

HangingwallBeds

FootwallRocks

Mineralogy Malachite, azurite, chrysocolla

TraceMinerals

Comments

Reference Habashi F. and Bassyouni, F.A., 1982, Mineral resources of the Arab countries: Quebec, Chemecon Publishing Ltd.,Laval Univ., 2nd Edition.112 p.

DepositID 15 Cont AF NameDeposit Adrar Ouanas

OtherNames

Includes

Country Code MRCO Country Morocco

Lat.Deg 28 Long.Deg -9 Dec.Lat 28.2666667 StateProvince

Lat.Min 16 Long.Min -14 Dec.Long -9.23333333

Lat.Sec 0 Long.Sec 0 GeolProv 2061

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Cambrian Ma 560 Unit

HostRocks Dolomite, calcareous shale, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 16 Cont AF NameDeposit Ras Banas

OtherNames

Includes

Country Code EGPT Country Egypt

Lat.Deg 23 Long.Deg 35 Dec.Lat 23.9833333 StateProvince

Lat.Min 59 Long.Min 40 Dec.Long 35.6666667

Lat.Sec Long.Sec GeolProv 2073

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Miocene Ma 12 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, azurite, chrysocolla

TraceMinerals

Comments

Reference Habashi F. and Bassyouni, F.A., 1982, Mineral resources of the Arab countries: Quebec, Chemecon Publishing Ltd.,Laval Univ., 2nd Edition.112 p.

DepositID 17 Cont AF NameDeposit Agadez

OtherNames

Includes

Country Code NGRA Country Nigeria

Lat.Deg 16 Long.Deg 7 Dec.Lat 16.9833333 StateProvince

Lat.Min 59 Long.Min 56 Dec.Long 7.93333333

Lat.Sec 0 Long.Sec GeolProv 7066

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Cretaceous Ma 130 Unit

HostRocks Conglomerate, argillite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 18 Cont AF NameDeposit Niamei

OtherNames

Includes

Country Code MALI Country Mali

Lat.Deg 15 Long.Deg -9 Dec.Lat 15.1666667 StateProvince

Lat.Min 10 Long.Min -59 Dec.Long -9.98333333

Lat.Sec Long.Sec GeolProv 7035

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L.Cambrian Ma 560 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chrysocolla, chalcocite

TraceMinerals

Comments Southwest of Niamei. Kiffa Series. Mineralized bed 0.3 to 8 m thick. Grade < 1% Cu

Reference Anon., 1987, Mineral resources of Mali: United Nations Development Program, DTDC MLI / 85 / 007 Project, 42 p.

DepositID 19 Cont AF NameDeposit Gangonterry

OtherNames

Includes

Country Code MALI Country Mali

Lat.Deg 14 Long.Deg -9 Dec.Lat 14.0833333 StateProvince

Lat.Min 05 Long.Min -45 Dec.Long -9.75

Lat.Sec 0 Long.Sec 0 GeolProv 7035

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L.Cambrian Ma 560 Unit

HostRocks Black shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments North of Bafoulabe, SE of Kayes. Kiffa Series. Mineralized bed severalcm thick. Grade 0.5% Cu

Reference Anon., 1987, Mineral resources of Mali: United Nations Development Program, DTDC MLI / 85 / 007 Project, 42 p.

DepositID 20 Cont AF NameDeposit Falea

OtherNames

Includes

Country Code MALI Country Mali

Lat.Deg 12 Long.Deg -11 Dec.Lat 12.2666667 StateProvince

Lat.Min 16 Long.Min -21 Dec.Long -11.35

Lat.Sec 0 Long.Sec 0 GeolProv 7021

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, covellite, tennantite, pyrite, arsenopyrite

TraceMinerals Galena

Comments Kania Fm., Taoudeni Basin. Cu grades 1.46 to 4.7 %.

Reference Anon., 1987, Mineral resources of Mali: United Nations Development Program, DTDC MLI / 85 / 007 Project, 42 p.

DepositID 21 Cont AF NameDeposit N' Toum

OtherNames

Includes

Country Code GABN Country Gabon

Lat.Deg 01 Long.Deg 9 Dec.Lat 1.08333333 StateProvince

Lat.Min 05 Long.Min 59 Dec.Long 9.98333333

Lat.Sec Long.Sec GeolProv 7211

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422

DepositID 22 Cont AF NameDeposit Kilembe

OtherNames

Includes

Country Code UGND Country Uganda

Lat.Deg 0 Long.Deg 30 Dec.Lat .216666667 StateProvince

Lat.Min 13 Long.Min 3 Dec.Long 30.05

Lat.Sec Long.Sec GeolProv 7246

OreMmt 19.5 CuGrade% 1.87 CoGrade% 0.15 AgGradeppm

CuMmt .36465

DepositType Uncl.

Age L. Proterozoic Ma 2000 Unit

HostRocks Meta dolomitic shale. Banded

HangingwallBeds Meta siliceous dolomite

FootwallRocks Meta dolomite. Fine-grained

Mineralogy Chalcopyrite, pyrite, pyrrhotite, magnetite

TraceMinerals Linnaeite, sphalerite, gold, marcasite, molybdenite, pentlandite

Comments

Reference Barnes, J.W., Barbour, E.A., and Smit, J.S., 1962, Kilembe copper mine—Uganda, Chapter XIV *in* Lombard, J. and Nicolini, P. Stratiform copper deposits in Africa, Part 1, Lithology and sedimentology: International GeologicCongress, 20th, Copenhagen,1960, p. 185-195.

DepositID 23 Cont AF NameDeposit Minduli

OtherNames

Includes Mt Passa

Country Code CNGO Country Congo

Lat.Deg -04 Long.Deg 15 Dec.Lat -4.23333333 StateProvince

Lat.Min -14 Long.Min 14 Dec.Long 15.2333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic Ma 1500 Unit

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Goosens, P.J., 1983, Precambrian mineral deposits and their metallogeny: MuseeRoyal de L'Afrique Centrale, Tervuran, Belgique, Anales, Serie IN-8, Sciences Geologique, No. 89.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 24 Cont AF NameDeposit Zenza

OtherNames

Includes

Country Code ANGL Country Angola

Lat.Deg -9 Long.Deg 14 Dec.Lat -9.28333333 StateProvince

Lat.Min -17 Long.Min 12 Dec.Long 14.2

Lat.Sec 0 Long.Sec 0 GeolProv 7203

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Fine sandstone, siltstone, argillite, coal

HangingwallBeds Evaporite, limestone

FootwallRocks Red sandstone, conglomerate

Mineralogy Bornite, chalcopyrite, chalcocite, carbon

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422  
Van Eden, J.G.1978, Stratiform copper and zinc mineralization in the Cretaceous of Angola: Economic Geology, V. 73, p. 1154-1160

DepositID 25 Cont AF NameDeposit Tenke

OtherNames

Includes Fwalu, Kwatebala, Goma

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.58 StateProvince

Lat.Min -34 Long.Min 9 Dec.Long 26.1533333

Lat.Sec -48 Long.Sec 12 GeolProv 7246

OreMmt 195 CuGrade% 3.3 CoGrade% .37 AgGradeppm

CuMmt 6.435

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Siliceous dolomite

FootwallRocks Siliceous dolomite

Mineralogy Chalcocite, bornite, carbon

TraceMinerals Chalcopyrite, carrollite, covellite

Comments Two ore beds with siliceous dolomite between.

Reference Oosterbosch, R, 1951, Copper mineralization in the Fungurune region, Katanga: Economic Geology, v. 46, p. 121-148.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 26 Cont AF NameDeposit Fungurume

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.6 StateProvince

Lat.Min -36 Long.Min 18 Dec.Long 26.3008333

Lat.Sec Long.Sec 3 GeolProv 7246

OreMmt 1370 CuGrade% 2.68 CoGrade% .3 AgGradeppm

CuMmt 36.716

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Siliceous dolomite

FootwallRocks Siliceous dolomite

Mineralogy Chalcocite, bornite, carbon

TraceMinerals Chalcopyrite, carrollite, covellite

Comments Two ore beds with siliceous dolomite between

Reference Oosterbosch, R, 1951, Copper mineralization in the Fungurune region, Katanga: Economic Geology, v. 46, p. 121-148.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 27 Cont AF NameDeposit Mutoshi

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 25 Dec.Lat -10.6666667 StateProvince

Lat.Min -40 Long.Min 31 Dec.Long 25.5166667

Lat.Sec Long.Sec GeolProv 7246

OreMmt 80 CuGrade% 1.95 CoGrade% AgGradeppm

CuMmt 1.56

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Siliceous dolomite

FootwallRocks Dolomitic chloritic hematitic quartz sandstone

Mineralogy Chalcopyrite, bornite, chalcocite, pyrite, carrollite, carbon

TraceMinerals

Comments East end of Kolwesi Dome, 10 km from nearest deposit. Siliceous dolomite bed lies between two ore-bearing beds

Reference Bartholome, P., Evrard, P., Katekesha, F., Lopez-Ruiz, J. and Ngongo, M. 1976, Diagenetic ore-forming processes at Kamoto, Katanga, Republic of Congo, *in* Amstutz G. C., and Barnard, A. J., eds., *Ores in sediments*: New York, Springer-Verlag, p. 21-42.

Bowen, R., and Gunatilaka, A, 1977, *Copper: its geology and economics*: New York, John Wiley&Sons, 366 p.

Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits. *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. *Geology and Metallogeny of Copper Deposits*, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, 398-411 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, *Global distribution of sediment-hosted stratiform copper deposits and occurrences*:

DepositID 28 Cont AF NameDeposit Kakanda

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.725 StateProvince

Lat.Min -43 Long.Min 24 Dec.Long 26.4069444

Lat.Sec -30 Long.Sec 25 GeolProv 7246

OreMmt 30 CuGrade% 3.7 CoGrade% .2 AgGradeppm

CuMmt 1.11

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bowen, R., and Gunatilaka, A, 1977, Copper: its geology and economics: New York, John Wiley&Sons, 366 p.

Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits.*in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. Geology and Metallogeny of Copper Deposits, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398-411

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted copper deposits

DepositID 29 Cont AF NameDeposit Kolwezi  
 OtherNames Kolwezi Dome  
 Includes Dikuluwe, Mashamba, Kamoto, Mupine, Musonoi  
 Country Code ZIRE Country Republic of Congo  
 StateProvince Shaba  
 Lat.Deg -10 Long.Deg 25 Dec.Lat -10.7333333  
 Lat.Min -44 Long.Min 25 Dec.Long 25.4166667  
 Lat.Sec Long.Sec GeolProv 7291  
 OreMmt 761 CuGrade% 4.4 CoGrade% 0.3 AgGradeppm  
 CuMmt 33.484

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Siliceous dolomite

FootwallRocks Dolomitic chloritic hematitic quartz sandstone

Mineralogy Chalcopyrite, bornite, chalcocite, pyrite, carrollite, carbon

#### TraceMinerals

Comments Ore beds broken by thrust faults and stacked one over the other.  
 Siliceous dolomite bed lies between two ore-bearing beds

Reference Bartholome, P., Evrard, P., Katekesha, F., Lopez-Ruiz, J. and Ngongo, M. 1976, Diagenetic ore-forming processes at Kamoto, Katanga, Republic of Congo, *in* Amstutz G. C., and Barnard, A. J., eds., *Ores in sediments*: New York, Springer-Verlag, p. 21-42.

Bowen, R., and Gunatilaka, A, 1977, *Copper: its geology and economics*: New York, John Wiley&Sons, 366 p.

Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits (Part 2) ) *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984*: Berlin, Springer-Verlag, p. 398-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, *Global distribution of sediment-hosted stratiform copper deposits and occurrences*:

DepositID 30 Cont AF NameDeposit Kamfundwa

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.8083333 StateProvince

Lat.Min -48 Long.Min 35 Dec.Long 26.5905556

Lat.Sec -30 Long.Sec 26 GeolProv 7246

OreMmt 10 CuGrade% 2.75 CoGrade% 0.3 AgGradeppm

CuMmt .275

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 31 Cont AF NameDeposit Kabolela

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.84 StateProvince

Lat.Min -50 Long.Min 28 Dec.Long 26.4805556

Lat.Sec -24 Long.Sec 50 GeolProv 7246

OreMmt 5 CuGrade% 4.1 CoGrade% 1.07 AgGradeppm

CuMmt .205

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 32 Cont AF NameDeposit Sesa

OtherNames Msesa

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.845 StateProvince

Lat.Min -50 Long.Min 37 Dec.Long 26.6186111

Lat.Sec -42 Long.Sec 7 GeolProv 7246

OreMmt 8 CuGrade% 5.75 CoGrade% 0.2 AgGradeppm

CuMmt .46

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 33 Cont AF NameDeposit Kambove

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.8791667 StateProvince

Lat.Min -52 Long.Min 36 Dec.Long 26.6063889

Lat.Sec -45 Long.Sec 23 GeolProv 7246

OreMmt 35 CuGrade% 7 CoGrade% 0.4 AgGradeppm

CuMmt 2.45

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Stromatolitic dolomite

FootwallRocks Stromatolitic dolomite

Mineralogy Chalcopyrite, bornite pyrite, digenite, chalcocite, carrollite, carbon

TraceMinerals

Comments Two ore beds with stromatolitic dolomite between. Zoned  
py-cp-bn-cp-py

Reference Bowen, R., and Gunatilaka, A, 1977, Copper: its geology and economics:  
New York, John Wiley&Sons, 366 p.

Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits (Part 2 ) *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. Geology and Metallogeny of Copper Deposits, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398-411.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted copper deposits

DepositID 34 Cont AF NameDeposit Kamatanda

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 26 Dec.Lat -10.9497222 StateProvince

Lat.Min -56 Long.Min 46 Dec.Long 26.7766667

Lat.Sec -59 Long.Sec 36 GeolProv 7246

OreMmt 10 CuGrade% 5 CoGrade% AgGradeppm

CuMmt .5

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits. *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. Geology and Metallogeny of Copper Deposits, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, 398-411 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 35 Cont AF NameDeposit Menda Mendipe

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -10 Long.Deg 25 Dec.Lat -10.9766667 StateProvince

Lat.Min -58 Long.Min 55 Dec.Long 25.925

Lat.Sec -36 Long.Sec 30 GeolProv 7291

OreMmt 30 CuGrade% 3 CoGrade% 0.2 AgGradeppm

CuMmt .9

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic, carbonaceous, pyritic shale and siltstone

HangingwallBeds Stromatolitic dolomite

FootwallRocks Dolomite, sandstone

Mineralogy

TraceMinerals

Comments

Reference Bowen, R., and Gunatilaka, A, 1977, Copper: its geology and economics: New York, John Wiley&Sons, 366 p.

Francois, A., 1974, Stratigraphie, tectonique et mineralisation dans l'arc cuprifere du Shaba (Republique du Zaire) in Bartholomé, Paul, ed. Gisements Statiform et Provinces Cuprifere: Liège, Société Geologique de Belgique, 427 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

G I I S f C d O Fil 2915b 256

DepositID 36 Cont AF NameDeposit Novo Redondo

OtherNames

Includes

Country Code ANGL Country Angola

Lat.Deg -11 Long.Deg 14 Dec.Lat -11.0083333 StateProvince

Lat.Min 0 Long.Min 30 Dec.Long 14.5

Lat.Sec -30 Long.Sec 0 GeolProv 7203

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Conglomeratic arkosic sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chrysocolla

TraceMinerals

Comments

Reference Van Eden, J.G., 1978, Stratiform copper and zinc mineralization in the Cretaceous of Angola: Economic Geology, v. 73, p. 1154-1160.

DepositID 37 Cont AF NameDeposit Kalongwe

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

StateProvince Shaba

Lat.Deg -11 Long.Deg 25 Dec.Lat -11.0266667

Lat.Min -01 Long.Min 12 Dec.Long 25.2083333

Lat.Sec -36 Long.Sec 30 GeolProv 7291

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 600 Unit Mines Group, Roan

HostRocks Siliceous dolomite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite

TraceMinerals Bornite, linnaeite

Comments Includes cross cutting veins with uraninite

Reference Oosterbosch, R.,1962, Les minéralisations dans le systeme de Roan au Katanga (Chapter VIII) *in* Lombard, J. and Nicolini, P. Stratiform copper deposits in Africa, Part 1, Lithology and sedimentology: International GeologicCongress, 20th, Copenhagen,1960, p. 71-136.

DepositID 38 Cont AF NameDeposit Cachoeiras de Binga

OtherNames

Includes

Country Code ANGL Country Angola

Lat.Deg - 11 Long.Deg 14 Dec.Lat -11.0833333 StateProvince

Lat.Min - 5 Long.Min 5 Dec.Long 14.0944444

Lat.Sec Long.Sec 40 GeolProv 7203

OreMmt 7 CuGrade% 2 CoGrade% AgGradeppm

CuMmt .14

DepositType Reduced facies Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Fine sandstone, siltstone, argillite, coal

HangingwallBeds Evaporite, limestone

FootwallRocks Red sandstone, conglomerate

Mineralogy Bornite, chalcopyrite, chalcocite, carbon

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422.

Van Eden, J.G.1978, Stratiform copper and zinc mineralization in the Cretaceous of Angola: Economic Geology, V. 73, p. 1154-1160.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 39 Cont AF NameDeposit Kimbwe

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -11 Long.Deg 27 Dec.Lat -11.1416667 StateProvince

Lat.Min -8 Long.Min 30 Dec.Long 27.5105556

Lat.Sec -30 Long.Sec 38 GeolProv 7246

OreMmt 50 CuGrade% 4 CoGrade% AgGradeppm

CuMmt 2

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 40 Cont AF NameDeposit Luishia

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -11 Long.Deg 27 Dec.Lat -11.1688889 StateProvince

Lat.Min -10 Long.Min 0 Dec.Long 27.0091667

Lat.Sec -8 Long.Sec 33 GeolProv 7246

OreMmt 43 CuGrade% 4.21 CoGrade% 0.2 AgGradeppm

CuMmt 1.8103

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cailteux, J., 1986, Diagenetic sulfide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire). Sequence of mineralization in sediment-hosted copper deposits. *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. Geology and Metallogeny of Copper Deposits, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, 398-411 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 41 Cont AF NameDeposit Lukuni

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -11 Long.Deg 27 Dec.Lat -11.5138889 StateProvince

Lat.Min -30 Long.Min 25 Dec.Long 27.4205556

Lat.Sec -50 Long.Sec 14 GeolProv 7246

OreMmt 10 CuGrade% 4.86 CoGrade% 0.1 AgGradeppm

CuMmt .486

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Uranium vein deposits nearby

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 42 Cont AF NameDeposit Lupato

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -11 Long.Deg 27 Dec.Lat -11.6211111 StateProvince

Lat.Min -37 Long.Min 15 Dec.Long 27.2616667

Lat.Sec -16 Long.Sec 42 GeolProv 7246

OreMmt 5 CuGrade% 4 CoGrade% 0.2 AgGradeppm

CuMmt .2

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 43 Cont AF NameDeposit Etoile

OtherNames l'Etoile, Star of the Congo

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -11 Long.Deg 27 Dec.Lat -11.6483333 StateProvince

Lat.Min -38 Long.Min 34 Dec.Long 27.5772222

Lat.Sec -54 Long.Sec 38 GeolProv 7246

OreMmt 40 CuGrade% 4.375 CoGrade% 0.5 AgGradeppm

CuMmt 1.75

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Laminated siltstone, dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 44 Cont AF NameDeposit Kipapila

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.0166667 StateProvince

Lat.Min -01 Long.Min 55 Dec.Long 27.9166667

Lat.Sec Long.Sec GeolProv 7246

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, albite, tourmaline, clay

TraceMinerals

Comments

Reference Francois, A., 1974, Stratigraphie, tectonique et mineralisation dans l'arc cuprifère du Shaba (Republique du Zaïre) *in* Bartholomé, Paul, ed. Gisements Stratiform et Provinces Cuprifère: Liège, Société Géologique de Belgique, 427 p.

Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katanga sediments of southeast Shaba, Zaïre *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 401-426.

DepositID 45 Cont AF NameDeposit Lubwe

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 25 Dec.Lat -12.0516667 StateProvince

Lat.Min -3.1 Long.Min 57 Dec.Long 25.9583333

Lat.Sec Long.Sec 30 GeolProv 7291

OreMmt 70 CuGrade% 0.8 CoGrade% AgGradeppm

CuMmt .56

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 46 Cont AF NameDeposit Kansanshi

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 26 Dec.Lat -12.0833333 StateProvince

Lat.Min -5 Long.Min 25 Dec.Long 26.4166667

Lat.Sec Long.Sec GeolProv 7291

OreMmt 3.4 CuGrade% 2.75 CoGrade% AgGradeppm

CuMmt .0935

DepositType Uncl.

Age Cambrian Ma 512 Unit Kundelungu Grp.

HostRocks Quartz-biotite schist, biotite-garnet schist, carbonaceous phyllite,

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite, pyrrhotite, molybdenite, brannerite, monazite

TraceMinerals

Comments U-Pb and Re-Os ages of brannerite, molydenite and monazite indicate 2 pulses of mineralization at 512 and 502 Ma

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

Torrealdy, H.I., Hitzman, M.W., Stein, H.J., Markeley, R.J., Armstrong, R., and Broughton, D, 2000, Re-Os and U-Pb dating of vein-hosted mineralization at the Kansanshi copper deposit, northern Zambia, Economic geology, v.95, p. 1165-1170

DepositID 47 Cont AF NameDeposit Malundwe-Lumwana

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 25 Dec.Lat -12.1616667 StateProvince

Lat.Min -9 Long.Min 45 Dec.Long 25.7541667

Lat.Sec -42 Long.Sec 15 GeolProv 7291

OreMmt 125 CuGrade% 1.03 CoGrade% AgGradeppm

CuMmt 1.2875

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 48 Cont AF NameDeposit Chimiwungo-Lumwana

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 25 Dec.Lat -12.1788889 StateProvince

Lat.Min -10 Long.Min 51 Dec.Long 25.8513889

Lat.Sec -44 Long.Sec 05 GeolProv 7291

OreMmt 953 CuGrade% 0.64 CoGrade% AgGradeppm

CuMmt 6.0992

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.g

DepositID 49 Cont AF NameDeposit Musoshi (see Konkola)

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.2658333 StateProvince

Lat.Min -15 Long.Min 42 Dec.Long 27.7136111

Lat.Sec -57 Long.Sec 49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Black biotite silstone

HangingwallBeds shale, arkose

FootwallRocks hematitic arkose, conglomerate

Mineralogy Chalcopyrite, bornite

TraceMinerals

Comments Footwall cut by veins of quartz, hematite with rutile. U-Pb age  $514 \pm 2$  Ma. Fluid inclusions indicate fluids with 54 wt % NaCl+KCl and T of

Reference Lefebvre, J.J., Depositional environment of copper-cobalt mineralization in the Katanga sediments of southeast Shaba, Zaire *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 401-426.

Richards, J.P., Krogh, T.E., and Spooner, E.T.C, 1988, Fluid inclusion characteristics and U-Pb rutile age of late hydrothermal alteration and veining at the Musoshi stratiform copper deposit, Central African Copper Belt, Zaire: Economic Geology, v. 83, p. 118-139.

DepositID 50 Cont AF NameDeposit Kinsenda

OtherNames

Includes

Country Code ZIRE Country Republic of Congo

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.2752778 StateProvince

Lat.Min -16 Long.Min 58 Dec.Long 27.9672222

Lat.Sec -31 Long.Sec 2 GeolProv 7246

OreMmt 31.75 CuGrade% 5.5 CoGrade% AgGradeppm

CuMmt 1.74625

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Gritty arkose

HangingwallBeds

FootwallRocks Mafic lava

Mineralogy Chalcocite, calcite gypsum, pyrite

TraceMinerals

Comments Three ore beds

Reference Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katanga sediments of southeast Shaba, Zaire *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 401-426.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 51 Cont AF NameDeposit Konkola-Kirila Bombwe  
OtherNames Bancroft  
Includes Musoshi in Shaba Prov.  
Country Code ZMBA Country Zambia  
Lat.Deg -12 Long.Deg 27 Dec.Lat -12.39 StateProvince  
Lat.Min -23 Long.Min 49 Dec.Long 27.8263889  
Lat.Sec -24 Long.Sec 35 GeolProv 7291  
OreMmt 584.5 CuGrade% 2.95 CoGrade% 0.07 AgGradeppm  
CuMmt 17.24275

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Siltstone, shale, feldspathic arenite

HangingwallBeds Arkose

FootwallRocks Quartzite, conglomerate

Mineralogy Bornite, chalopyrite, chalcocite

TraceMinerals

Comments North and south orebodies separated by a bioherm

Reference Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt with particular reference to the northern sector of the Chambishi Basin, *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., *Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36*. p. 427-452.

Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the Zambian Copperbelt *in* Wolf, K.H., ed., *Handbook of Strata-bound and Stratiform Ore Deposits*, v. 6, Chapter 6, p.223-352.

Lefebvre, J.J., Depositional environment of copper-cobalt mineralization in the Katanga sediments of southeast Shaba, Zaire *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., *Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36*. p. 401-426.

Kirkham, R.V., Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of

DepositID 52 Cont AF NameDeposit Luansobe

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.4316667 StateProvince

Lat.Min -25 Long.Min 18 Dec.Long 28.3147222

Lat.Sec -54 Long.Sec 53 GeolProv 7246

OreMmt 8.4 CuGrade% 1.6 CoGrade% AgGradeppm

CuMmt .1344

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 53 Cont AF NameDeposit Mokambo

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.4772222 StateProvince

Lat.Min -28 Long.Min 22 Dec.Long 28.3797222

Lat.Sec -38 Long.Sec 47 GeolProv 7246

OreMmt 12.2 CuGrade% 1.8 CoGrade% AgGradeppm

CuMmt .2196

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 54 Cont AF NameDeposit English Mine

OtherNames Benguela

Includes

Country Code ANGL Country Angola

Lat.Deg -12 Long.Deg 13 Dec.Lat -12.5111111 StateProvince

Lat.Min -30 Long.Min 31 Dec.Long 13.5166667

Lat.Sec -40 Long.Sec 0 GeolProv 7203

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Cretaceous, L.Aptian Ma 115 Unit

HostRocks Fine sandstone, siltstone, argillite, coal

HangingwallBeds Evaporite, limestone

FootwallRocks Red sandstone, conglomerate

Mineralogy Bornite, chalcopyrite, chalcocite, carbon

TraceMinerals

Comments

Reference Caia, J. 1976, Paleogeographical and sedimentological controls of copper, lead, and zinc mineralization in the Lower Cretaceous sandstones of Africa: Economic Geology, V. 71, p. 409-422.

Van Eden, J.G.1978, Stratiform copper and zinc mineralization in the Cretaceous of Angola: Economic Geology, V. 73, p. 1154-1160

DepositID 55 Cont AF NameDeposit Mufulira

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.5227778 StateProvince

Lat.Min -31 Long.Min 14 Dec.Long 28.2361111

Lat.Sec -22 Long.Sec 10 GeolProv 7246

OreMmt 294.9 CuGrade% 3.36 CoGrade% AgGradeppm

CuMmt 9.90864

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Carbonaceous graywacke

HangingwallBeds Quartzite, dolomite

FootwallRocks Aeolian gypsiferous sandstone, conglomerate

Mineralogy Chalcopyrite, bornite

TraceMinerals Carrollite, tennantite, cobaltite

Comments Three ore beds. Carbon up to 2% in host rock. Drops to 0.5% in copper ore. Upper Roan Cu-Co orebody, 150 m above A orebody level with

Reference Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the Zambian Copperbelt *in* Wolf, K.H., ed., Handbook of Strata-bound and Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

Garlick, 1989, Genetic interpretation from ore relations to algal reefs in Zambia and Zaire *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 471-498.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 56 Cont AF NameDeposit Chingola

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.55 StateProvince

Lat.Min -33 Long.Min 49 Dec.Long 27.8305556

Lat.Sec 00 Long.Sec 50 GeolProv 7291

OreMmt 31.9 CuGrade% 3.52 CoGrade% AgGradeppm

CuMmt 1.12288

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 427-452.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 57 Cont AF NameDeposit Nchanga

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.525 StateProvince

Lat.Min -31 Long.Min 52 Dec.Long 27.8666667

Lat.Sec -30 Long.Sec 00 GeolProv 7291

OreMmt 400 CuGrade% 3.64 CoGrade% AgGradeppm  
CuMmt 14.56

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Carbonaceous shale, feldspathic quartzite

HangingwallBeds Shale, dolomite

FootwallRocks Arkose, granite

Mineralogy Bornite, chalcocite, chalcopyrite

TraceMinerals Carrollite

Comments

Reference Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt with particular reference to the northern sector of the Chambishi Basin, *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 427-452.

Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the Zambian Copperbelt *in* Wolf, K.H., ed., Handbook of Strata-bound and Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

Kirkham, R.V., Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and

DepositID 58 Cont AF NameDeposit Lubembe

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.5863889 StateProvince

Lat.Min -35 Long.Min 21 Dec.Long 28.3655556

Lat.Sec -11 Long.Sec 56 GeolProv 7246

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 59 Cont AF NameDeposit Mimbula

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.6455556 StateProvince

Lat.Min -38 Long.Min 51 Dec.Long 27.8655556

Lat.Sec -44 Long.Sec 56 GeolProv 7246

OreMmt 9 CuGrade% 2.7 CoGrade% AgGradeppm

CuMmt .243

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 60 Cont AF NameDeposit Pitanda

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.6583333 StateProvince

Lat.Min -39 Long.Min 59 Dec.Long 27.9866667

Lat.Sec -30 Long.Sec 12 GeolProv 5042

OreMmt 15 CuGrade% 1.7 CoGrade% AgGradeppm

CuMmt .255

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 61 Cont AF NameDeposit Chambishi

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.6777778 StateProvince

Lat.Min -40 Long.Min 2 Dec.Long 28.0458333

Lat.Sec -40 Long.Sec 45 GeolProv 7291

OreMmt 362.5 CuGrade% 2.87 CoGrade% AgGradeppm

CuMmt 10.40375

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Carbonaceous shale, siltstone, argillite, dolomite

HangingwallBeds Argillite, quartzite

FootwallRocks Conglomerate, quartzite

Mineralogy Chalcopyrite, pyrrhotite, pyrite

TraceMinerals Carrollite, Co-pentlandite, bornite, linnaeite

Comments Continuity of ore zone interrupted by dolomitic bioherms. Fluid  
Inclusions: salinity, 12-20 wt. % NaCl equiv.; homogenization

Reference Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., *Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36*. p. 427-452.

Fleischer, V.D., 1984, Discovery, geology and genesis of copper-cobalt mineralization at Chambishi Southeast prospect, Zambia: *Precambrian Research*, v. 25, p. 119-133.

Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the Zambian Copperbelt in Wolf, K.H., ed., *Handbook of Strata-bound and Stratiform Ore Deposits*, v. 6, Chapter 6, p.223-352.

Kirkham, R.V., Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 62 Cont AF NameDeposit Fitula

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.6819444 StateProvince

Lat.Min -40 Long.Min 55 Dec.Long 27.9166667

Lat.Sec -55 Long.Sec 00 GeolProv 7246

OreMmt 4.1 CuGrade% 5.28 CoGrade% AgGradeppm

CuMmt .21648

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 63 Cont AF NameDeposit Pitanda South

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.7133333 StateProvince

Lat.Min -42 Long.Min 58 Dec.Long 27.9766667

Lat.Sec -48 Long.Sec 36 GeolProv 7291

OreMmt 0.4 CuGrade% 1.68 CoGrade% AgGradeppm

CuMmt .00672

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 64 Cont AF NameDeposit Kasaria

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.7408333 StateProvince

Lat.Min -44 Long.Min 6 Dec.Long 28.1063889

Lat.Sec -27 Long.Sec 23 GeolProv 7291

OreMmt 5 CuGrade% 2.51 CoGrade% AgGradeppm

CuMmt .1255

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 65 Cont AF NameDeposit Mwambashi

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.7591667 StateProvince

Lat.Min -45 Long.Min 0 Dec.Long 28.0047222

Lat.Sec -33 Long.Sec 17 GeolProv 7291

OreMmt 7.9 CuGrade% 2.72 CoGrade% 0.8 AgGradeppm

CuMmt .21488

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 427-452.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 66 Cont AF NameDeposit Mindola-Nkana N-S

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.8044444 StateProvince

Lat.Min -48 Long.Min 10 Dec.Long 28.1713889

Lat.Sec -16 Long.Sec 17 GeolProv 7291

OreMmt 259.9 CuGrade% 3.06 CoGrade% 0.14 AgGradeppm  
CuMmt 7.95294

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Argillite, dolomite, cherty argillite

HangingwallBeds Sandstone, dolomite, argillite

FootwallRocks Sandstone, conglomerate

Mineralogy Bornite chalcopyrite, chalcocite

TraceMinerals Carrollite

Comments Barren gaps: ore beds replaced by siliceous dolomite bioherms. Cut by veins of pitchblende, uraninite, brannerite, coffinite, molybdenite,

Reference Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the  
Zambian Copperbelt in Wolf, K.H., ed., Handbook of Strata-bound and  
Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global  
distribution of sediment-hosted stratiform copper deposits and  
occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 67 Cont AF NameDeposit Mwerkera

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.8044444 StateProvince

Lat.Min -48 Long.Min 30 Dec.Long 28.5

Lat.Sec -16 Long.Sec -0 GeolProv 7246

OreMmt 7.1 CuGrade% 1.53 CoGrade% AgGradeppm

CuMmt .10863

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 68 Cont AF NameDeposit Chibuluma-Chibuluma West

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.825 StateProvince

Lat.Min -49 Long.Min 7 Dec.Long 28.125

Lat.Sec -30 Long.Sec 30 GeolProv 7291

OreMmt 26.7 CuGrade% 3.79 CoGrade% 0.21 AgGradeppm

CuMmt 1.01193

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Sericitic arkose

HangingwallBeds Pyritic feldspathic arenite, conglomerate

FootwallRocks Arkose, conglomerate, aeolian quartzite

Mineralogy Chalcopyrite, bornite, Co-pyrite, carrollite, linnaeite

TraceMinerals

Comments Three sulfidite beds composed of Co-pyrite and linnaeite have 2 to 10 % Co. Sills of metagabbro. Rare quartz veins with galena and copper

Reference Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the  
Zambian Copperbelt in Wolf, K.H., ed., Handbook of Strata-bound and  
Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global  
distribution of sediment-hosted stratiform copper deposits and  
occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 69 Cont AF NameDeposit Nkana North Limb

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 27 Dec.Lat -12.8319444 StateProvince

Lat.Min -49 Long.Min 10 Dec.Long 27.175

Lat.Sec -55 Long.Sec 30 GeolProv 7246

OreMmt 51.7 CuGrade% 2.44 CoGrade% AgGradeppm

CuMmt 1.26148

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 70 Cont AF NameDeposit Chibuluma South

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.8333333 StateProvince

Lat.Min -50 Long.Min 3 Dec.Long 28.05

Lat.Sec Long.Sec GeolProv 7291

OreMmt 11.1 CuGrade% 4.33 CoGrade% AgGradeppm

CuMmt .48063

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 71 Cont AF NameDeposit Nkana South Limb

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.8591667 StateProvince

Lat.Min -51 Long.Min 12 Dec.Long 28.2111111

Lat.Sec -33 Long.Sec 40 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Lower Roan, Footwall

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 72 Cont AF NameDeposit Chifupu

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -12 Long.Deg 28 Dec.Lat -12.9166667 StateProvince

Lat.Min -55 Long.Min 3 Dec.Long 28.0541667

Lat.Sec Long.Sec 15 GeolProv 7291

OreMmt 0.2 CuGrade% 2.79 CoGrade% AgGradeppm

CuMmt .00558

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 73 Cont AF NameDeposit Itawa

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 28 Dec.Lat -13 StateProvince

Lat.Min 0 Long.Min 36 Dec.Long 28.6111111

Lat.Sec Long.Sec 40 GeolProv 7246

OreMmt 40 CuGrade% 0.76 CoGrade% AgGradeppm

CuMmt .304

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit Footwall Quartzite

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 74 Cont AF NameDeposit Bwana Mkubwa

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 28 Dec.Lat -13.0208333 StateProvince

Lat.Min -1 Long.Min 41 Dec.Long 28.6852778

Lat.Sec -15 Long.Sec 7 GeolProv 7246

OreMmt 17.6 CuGrade% 3.24 CoGrade% AgGradeppm  
CuMmt .57024

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Feldspathic sandstone, graywacke, dolomitic siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Five superimposed ore beds

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 75 Cont AF NameDeposit Baluba (see Luanshya)

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 28 Dec.Lat -13.05 StateProvince

Lat.Min -3 Long.Min 22 Dec.Long 28.3777778

Lat.Sec Long.Sec 40 GeolProv 7246

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Silty argillite

HangingwallBeds Arkose

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite, carrollite

TraceMinerals

Comments Ore beds continuous with Luanshya-Muliashi

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the  
Zambian Copperbelt in Wolf, K.H., ed., Handbook of Strata-bound and  
Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

DepositID 76 Cont AF NameDeposit Muliashi (see Luanshiya)

OtherNames Roan extension

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 28 Dec.Lat -13.0791667 StateProvince

Lat.Min -4 Long.Min 16 Dec.Long 28.275

Lat.Sec -45 Long.Sec 30 GeolProv 7246

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Silty argillite

HangingwallBeds

FootwallRocks Arkose, conglomerate, granite

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 77 Cont AF NameDeposit Luanshya

OtherNames Roan Antelope

Includes Muliashi-Roan extension and Baluba

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 28 Dec.Lat -13.1305556 StateProvince

Lat.Min -7 Long.Min 23 Dec.Long 28.3833333

Lat.Sec -50 Long.Sec GeolProv 7246

OreMmt 306.7 CuGrade% 2.79 CoGrade% AgGradeppm

CuMmt 8.55693

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit Mines Group, Roan

HostRocks Silty argillite

HangingwallBeds Arkose

FootwallRocks Feldspathic arenite

Mineralogy Chalcocite, bornite, chalcopyrite

TraceMinerals Carrolite at Baluba only

Comments Basement schist and granite has quartz veins with chalcopyrite, pyrite, and pyrrhotite

Reference Fleischer, V.D., Garlick, W.D., and Haldane, R., 1976, Geology of the  
Zambian Copperbelt *in* Wolf, K.H., ed., Handbook of Strata-bound and  
Stratiform Ore Deposits, v. 6, Chapter 6, p.223-352.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global  
distribution of sediment-hosted stratiform copper deposits and  
occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 78 Cont AF NameDeposit Kalengwa

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 25 Dec.Lat -13.4166667 StateProvince

Lat.Min -25 Long.Min 0 Dec.Long 25

Lat.Sec Long.Sec GeolProv 7291

OreMmt 4 CuGrade% 8.7 CoGrade% AgGradeppm 20

CuMmt .348

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks Conglomerate

HangingwallBeds Silty, dolomitic limestone

FootwallRocks Shale

Mineralogy Malachite, chalcocite

TraceMinerals

Comments Supergene. Includes 0.3 Mmt at 20% Cu

Reference Miller, W.E., and McGregor, J.A., 1967, The Kalengwa copper deposit in north western Zambia: Economic Geology, v.62. p. 781-797.

Van Eden J.G., and Binda, P.L., 1972, Scope of stratigraphic and sedimentological analysis of the Katanga Sequence, Zambia: Geologie en Mijnbouw, v. 51, p. 321-328

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 79 Cont AF NameDeposit Mufumbwe

OtherNames

Includes

Country Code ZMBA Country Zambia

Lat.Deg -13 Long.Deg 24 Dec.Lat -13.625 StateProvince

Lat.Min -37 Long.Min 47 Dec.Long 24.7833333

Lat.Sec -30 Long.Sec GeolProv 7291

OreMmt 5.2 CuGrade% 2.3 CoGrade% AgGradeppm

CuMmt .1196

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 80 Cont AF NameDeposit Mangula

OtherNames

Includes

Country Code ZIMB Country Zimbabwe

Lat.Deg -16 Long.Deg 30 Dec.Lat -16.8794444 StateProvince

Lat.Min -52 Long.Min 9 Dec.Long 30.15

Lat.Sec -46 Long.Sec GeolProv 7331

OreMmt 62 CuGrade% 1.2 CoGrade% AgGradeppm  
CuMmt .744

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Calcareous argillite, arkose

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite, hematite

TraceMinerals

Comments Deweras Group

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 81 Cont AF NameDeposit Norah

OtherNames

Includes

Country Code ZIMB Country Zimbabwe

Lat.Deg -16 Long.Deg 30 Dec.Lat -16.9272222 StateProvince

Lat.Min -55 Long.Min 9 Dec.Long 30.15

Lat.Sec -38 Long.Sec GeolProv 7331

OreMmt 10 CuGrade% 1.2 CoGrade% AgGradeppm

CuMmt .12

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Chloritic quartzite, arkose, argillite, anhydrite

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite, calcite, hematite

TraceMinerals

Comments 4 km south of Mangula. Stratigraphically higher. Ore follows epidiorite sill

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 82 Cont AF NameDeposit Silverside

OtherNames

Includes Old Hat, Manchester, Shebaside

Country Code ZIMB Country Zimbabwe

Lat.Deg -16 Long.Deg 30 Dec.Lat -16.9444444 StateProvince

Lat.Min -56 Long.Min 17 Dec.Long 30.2708333

Lat.Sec -40 Long.Sec -45 GeolProv 7331

OreMmt 0.9 CuGrade% 1.8 CoGrade% AgGradeppm

CuMmt .0162

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Calcareous argillite, arkose

HangingwallBeds

FootwallRocks

Mineralogy Bornite, chalcopyrite, digenite, covellite, molybdenite, galena sphalerite,  
native silver

TraceMinerals

Comments Ore zones crosscut bedding and are associated wth quartzveins

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 83 Cont AF NameDeposit Avondale-(see Shackelton)

OtherNames

Includes

Country Code ZIMB Country Zimbabwe

Lat.Deg -17 Long.Deg 30 Dec.Lat -17.2611111 StateProvince

Lat.Min -15 Long.Min 3 Dec.Long 30.05

Lat.Sec -40 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Calcareous argillite, arkose

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite, hematite

TraceMinerals

Comments Ore zones are stratabound but follow epidiorite dike contact

Reference Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 84 Cont AF NameDeposit Shackleton

OtherNames

Includes Avondale

Country Code ZIMB Country Zimbabwe

Lat.Deg -17 Long.Deg ? Dec.Lat -17.2655556 StateProvince

Lat.Min -15 Long.Min ? Dec.Long 30.0444444

Lat.Sec -56 Long.Sec 40 GeolProv 7331

OreMmt 3.4 CuGrade% 1.2 CoGrade% AgGradeppm

CuMmt .0408

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Calcareous argillite, arkose

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Shackleton and Avondale are 800 m apart but Shackleton is 400 m higher in section

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 85 Cont AF NameDeposit Alaska

OtherNames

Includes Hans, Angwa

Country Code ZIMB Country Zimbabwe

Lat.Deg -17 Long.Deg 30 Dec.Lat -17.4302778 StateProvince

Lat.Min -24.9 Long.Min 0 Dec.Long 30.0083333

Lat.Sec -55 Long.Sec 30 GeolProv 7331

OreMmt 0.5 CuGrade% 1.11 CoGrade% AgGradeppm  
CuMmt .00555

DepositType Uncl.

Age Mid Proterozoic Ma 1250 Unit

HostRocks Calcareous argillite, arkose

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, hematite

TraceMinerals

Comments Ore is mainly strata-bound but some is in crosscutting veins

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

Newham, W.D.N., 1986, The Lomagundi and Sabi metallogenic provinces of Zimbabwe *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1351-1393

DepositID 86 Cont AF NameDeposit Bushman Group

OtherNames

Includes

Country Code BOTS Country Botswana

Lat.Deg -20 Long.Deg 26 Dec.Lat -20.5 StateProvince

Lat.Min -30 Long.Min 33 Dec.Long 26.5583333

Lat.Sec 0 Long.Sec 30 GeolProv 7325

OreMmt 2 CuGrade% 2 CoGrade% AgGradeppm

CuMmt .04

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks Graphitic quartzite and schist

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, chalcocite, graphite

TraceMinerals

Comments Matsitama Schist Belt, biotite grade

Reference Baldock, J.W., Hepworth, J.V., and Marengwa, B.S., 1976, Gold, basemetals, and diamonds in Botswana: Economic Geology, V. 71, p.139-156.  
Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 87 Cont AF NameDeposit Ngwako Pan

OtherNames Lake Ngami

Includes

Country Code BOTS Country Botswana

Lat.Deg -20 Long.Deg 23 Dec.Lat -20.75 StateProvince

Lat.Min -45 Long.Min 6 Dec.Long 23.1

Lat.Sec Long.Sec GeolProv 7325

OreMmt 80 CuGrade% 2 CoGrade% AgGradeppm 40

CuMmt 1.6

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Calcareous argillite

HangingwallBeds

FootwallRocks Coarse sandstone

Mineralogy Chalcocite, bornite, chalcopyrite

TraceMinerals

Comments Lake Ngami district. Copper beds 300 km long, .5-2.5 % Cu plus Ag

Reference Baldock, J.W., Hepworth, J.V., and Marengwa, B.S., 1976, Gold, basemetals, and diamonds in Botswana: Economic Geology, V. 71, p.139-156.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 88 Cont AF NameDeposit Matsitama

OtherNames

Includes Logolo, Makala, Thakadu

Country Code BOTS Country Botswana

Lat.Deg -21 Long.Deg 26 Dec.Lat -21.0833333 StateProvince

Lat.Min -5 Long.Min 45 Dec.Long 26.75

Lat.Sec 0 Long.Sec 0 GeolProv 7331

OreMmt 8 CuGrade% 2 CoGrade% AgGradeppm

CuMmt .16

DepositType Uncl.

Age U. Proterozoic Ma 900 Unit

HostRocks Siliceous limestone, calcareous quartzite, phyllite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals Galena, pyrite

Comments Three deposits probably less than 2 km apart. Amphibolite metamorphism

Reference Baldock, J.W., Hepworth, J.V., and Marengwa, B.S., 1976, Gold, basemetals, and diamonds in Botswana: Economic Geology, V. 71, p.139-156.

Mendelsohn, F., 1989, Central /Southern Africa ore shale deposits *i* c. 453-469.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 89 Cont AF NameDeposit Ghanzi

OtherNames

Includes

Country Code BOTS Country Botswana

Lat.Deg -21 Long.Deg 21 Dec.Lat -21.7166667 StateProvince

Lat.Min -43 Long.Min 37 Dec.Long 21.6166667

Lat.Sec Long.Sec GeolProv 7311

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118

DepositID 90 Cont AF NameDeposit Witvlei  
OtherNames Pos , Copper Causeway, Malachite Pan prospects

Includes

Country Code NAMB Country Namibia

Lat.Deg -22 Long.Deg 18 Dec.Lat -22.3833333 StateProvince

Lat.Min -23 Long.Min 32 Dec.Long 18.5333333

Lat.Sec Long.Sec GeolProv 7311

OreMmt 6 CuGrade% 2 CoGrade% AgGradeppm 30

CuMmt .12

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Argillite, greenish gray to dull red, calcareous silty shale

HangingwallBeds Sandstone

FootwallRocks Red sandstone, conglomerate

Mineralogy Chalcocite, bornite, chalcopyrite, covellite, digenite, hematite, calcite, anatase

TraceMinerals Pyrite, cuprite, malachite, native copper

Comments  $\delta^{34}\text{S}$  of ores between - 9 and -22 per mil

Reference Anhaeusser, C.R., and Button, A., 1973, A petrographic and mineragraphic study of the copper-bearing formations in the Witvlei area, South West Africa: Transactions of the Geological Society of South Africa, v. 76, p.279-299.

Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Mendelsohn, F., 1989\_Central /Southern Africa ore shale deposits *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 453-469.

Ruxton, P.A., and Clemmy, H.1986, Late Proterozoic stratabound red bed-copper deposits of the Witvlei areaSouth West Africa/ Namibia *in* Anhaeusser, C.R., and Maske, S., eds., Mineral Deposits of Southern Africa, v. 2: Geological Society of South Africa, p. 1739-1754..

DepositID 91 Cont AF NameDeposit Dordabis

OtherNames

Includes

Country Code NAMB Country Namibia

Lat.Deg -22 Long.Deg 17 Dec.Lat -22.9583333 StateProvince

Lat.Min -57 Long.Min 41 Dec.Long 17.6833333

Lat.Sec -30 Long.Sec 0 GeolProv 7311

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age M.Proterozoic Ma 1200 Unit

HostRocks argillite, calcareous argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118

DepositID 92 Cont AF NameDeposit Oamites

OtherNames

Includes

Country Code NAMB Country Namibia

Lat.Deg -22 Long.Deg 17 Dec.Lat -22.9833333 StateProvince

Lat.Min -59 Long.Min 6 Dec.Long 17.1

Lat.Sec Long.Sec GeolProv 7311

OreMmt 6.1 CuGrade% 1.33 CoGrade% AgGradeppm 12.3

CuMmt .08113

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Biotite schist, amphibole schist, quartzite, conglomerate (Hakos

HangingwallBeds Pink quartzite, marble, graphitic schist

FootwallRocks Red-brown quartzite (Kamtsas Fm.) Meta evaporites (Duruchaus Fm.)

Mineralogy Chalcopyrite, bornite, pyrite, chalcocite, graphite

TraceMinerals Covellite, neodigenite, galena, sphalerite, pyrrhotite, native silver

Comments In the Nosib Group, underlain by Duruchaus Fm. Overlain by Swakop Group.

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: Precambrian Research, V. 25, p. 99-118.

Lee, J.E., and Glenister, D.A., 1976, Stratiform sulfide mineralization at Oamites copper mine, South West Africa: Economic Geology, v. 71, p. 369-383.

DepositID 93 Cont AF NameDeposit Klein Aub

OtherNames

Includes

Country Code NAMB Country Namibia

Lat.Deg -23 Long.Deg 16 Dec.Lat -23.8 StateProvince

Lat.Min -48 Long.Min 38 Dec.Long 16.6333333

Lat.Sec Long.Sec GeolProv 7311

OreMmt 18 CuGrade% 2 CoGrade% AgGradeppm 45

CuMmt .36

DepositType Reduced facies Cu

Age U. Proterozoic Ma 900 Unit

HostRocks Green argillite

HangingwallBeds Red sandstone

FootwallRocks Red conglomerate, sandstone

Mineralogy Chalcopyrite, bornite, chalcocite cuprite, pyrite

TraceMinerals Native copper

Comments  $\delta^{34}\text{S}$  of ores between - 20 and -40 per mil

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984, Regional controls on the localization of stratabound copper deposits: Proterozoic examples from southern Africa and South Australia: *Precambrian Research*, V. 25, p. 99-118.

Mendelsohn, F., 1989, Central /Southern Africa ore shale deposits in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., *Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36*, p. 453-469.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

Ruxton, P.A., 1986, Sedimentology, isotope signature and ore genesis of the Klein Aub Copper Mine, South West Africa in Anhaeusser, C.R., and Maske, S., eds., *Mineral Deposits of Southern Africa*, v. 2: Geological Society of South Africa, p. 1725-1738.

DepositID 94 Cont AF NameDeposit Duitschland

OtherNames Nederland

Includes

Country Code SAFR Country South Africa

Lat.Deg -24 Long.Deg 29 Dec.Lat -24.3333333 StateProvince

Lat.Min -20 Long.Min 0 Dec.Long 29

Lat.Sec 0 Long.Sec 0 GeolProv 7331

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age L. Proterozoic Ma 2000 Unit

HostRocks Stromatolitic dolomite, limestone, chert, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Basal Pretoria Group

Reference Martini. J.E., 1979, A copper-bearing bed in thePretoria Group in northeastern Transvaal: Geokongress 77 Geological Society of South Africa Special Publication 6, p. 65-72.

DepositID 95 Cont AS NameDeposit Chernorechenskaya

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 68 Long.Deg 87 Dec.Lat 68.25 StateProvince

Lat.Min 15 Long.Min 15 Dec.Long 87.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 600 Unit Sukharikha Fm.

HostRocks Limestone, argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

**Reference** Krendelev, F.P., Narkelyun, L.F., Trubachev, A.I. Salikhov, V.S., Volodin, P.N., Kunitsin, V.V., Chechetkin, V.S., and Bakun, N.N., 1986, Cupriferous sandstone and shales of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 513-523.*

Gablina, I.F., 1986, Genetic types of copper mineralization in the Igarka are, west of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 523-539*

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 96 Cont AS NameDeposit Mount Sauri Pe

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 68 Long.Deg 66 Dec.Lat 68 StateProvince

Lat.Min 00 Long.Min 50 Dec.Long 66.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Cambrian-Ordovician Ma 505 Unit Manitanyrd Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Dembovskii, D.Y., 1983, Basal Formations of the Uralides in the Northern Urals and their ore content: Lithology and Mineral Resources, v. 18, p. 31-41.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 97 Cont AS NameDeposit Rudnii

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 67 Long.Deg 86 Dec.Lat 67.8333333 StateProvince

Lat.Min 50 Long.Min 48 Dec.Long 86.8

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 600 Unit Izluchinsk Fm.

HostRocks Limestone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

**Reference** Krendelev, F.P., Narkelyun, L.F., Trubachev, A.I. Salikhov, V.S., Volodin, P.N., Kunitsin, V.V., Chechetkin, V.S., and Bakun, N.N., 1986, Cupriferous sandstone and shales of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 513-523.*

Gablina, I.F., 1986, Genetic types of copper mineralization in the Igarka are, west of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 523-539*

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 98 Cont AS NameDeposit Sukharikha

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 67 Long.Deg 87 Dec.Lat 67.6666667 StateProvince

Lat.Min 40 Long.Min 00 Dec.Long 87

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 600 Unit Sukharikha Fm.

HostRocks Sandstone, siltstone

HangingwallBeds

FootwallRocks Dolomite, limestone, marl

Mineralogy

TraceMinerals

Comments

**Reference** Krendelev, F.P., Narkelyun, L.F., Trubachev, A.I. Salikhov, V.S., Volodin, P.N., Kunitsin, V.V., Chechetkin, V.S., and Bakun, N.N., 1986, Cupriferous sandstone and shales of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 513-523.*

Gablina, I.F., 1986, Genetic types of copper mineralization in the Igarka are, west of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 523-539*

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 99 Cont AS NameDeposit Izluchinsk

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 67 Long.Deg 86 Dec.Lat 67.6 StateProvince

Lat.Min 36 Long.Min 45 Dec.Long 86.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 600 Unit Izluchinsk Fm.

HostRocks Conglomerate, siltstone

HangingwallBeds

FootwallRocks Dolomite, limestone, marl

Mineralogy

TraceMinerals

Comments

**Reference** Krendelev, F.P., Narkelyun, L.F., Trubachev, A.I. Salikhov, V.S., Volodin, P.N., Kunitsin, V.V., Chechetkin, V.S., and Bakun, N.N., 1986, Cupriferous sandstone and shales of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 513-523.*

Gablina, I.F., 1986, Genetic types of copper mineralization in the Igarka are, west of the Siberian Platform *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., *Geology and Metallogeny of Copper Deposits: Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 523-539*

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 100 Cont AS NameDeposit Pad-Yaga Musyur Range

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 67 Long.Deg 65 Dec.Lat 67.5 StateProvince

Lat.Min 30 Long.Min 30 Dec.Long 65.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Cambrian-Ordovician Ma 505 Unit .

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Dembovskii, D.Y.,1983, Basal Formations of the Uralides in the Northern Urals and their ore content: Lithology and Mineral Resources, v. 18, p. 31-41.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 101 Cont AS NameDeposit Padyagin

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 67 Long.Deg 65 Dec.Lat 67 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 65

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cambrian-Ordovician Ma 505 Unit .

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Dembovskii, D.Y.,1983, Basal Formations of the Uralides in the Northern Urals and their ore content: Lithology and Mineral Resources, v. 18, p. 31-41.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 102 Cont AS NameDeposit Graviisk

OtherNames Gravyisk

Includes

Country Code RUSA Country Russia

Lat.Deg 66 Long.Deg 87 Dec.Lat 66.5166667 StateProvince

Lat.Min 31 Long.Min 33 Dec.Long 87.55

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 600 Unit Izluchinsk Fm.

HostRocks Arkose, conglomerate, siltstone

HangingwallBeds

FootwallRocks Dolomite, limestone, marl

Mineralogy Djurleite, bornite, chalcopyrite, galena

TraceMinerals Marcasite, sphalerite, renierite, enargite, scheelite

Comments Copper deposited at major redox boundary between fluids from redbeds and fluids from reef dolomites. High levels of Ag, Cd, Ge, W, Ni, and Co

Reference Rzhetskii, V.F., Gablina, I.F., Vasilobskaya, L.V., and Lur'e, A.M., 1988, Genetic features of the Graviisk copper deposit: Lithology and Mineral Resources, v. 22, no. 2, p. 174-183.

Bogdanov, Yu. V. 1984, Principal types of stratiform copper deposits in sedimentary rocks of USSR: Proceedings of the 27th International Geologic Congress, v.12, Metallogenesis and Mineral Ore Deposits, p. 407-422.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 103 Cont AS NameDeposit Igadei-Yugan River

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 65 Long.Deg 60 Dec.Lat 65.5 StateProvince

Lat.Min 30 Long.Min 30 Dec.Long 60.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Ordovician Ma 480 Unit Grubeyu Fm.

HostRocks Arkose, phyllite, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite

TraceMinerals

Comments

Reference Dembovskii, D.Y.,1983, Basal Formations of the Uralides in the Northern Urals and their ore content: Lithology and Mineral Resources, v. 18, p. 31-41.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 104 Cont AS NameDeposit Nidysei Syncline

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 65 Long.Deg 60 Dec.Lat 65.25 StateProvince

Lat.Min 15 Long.Min 00 Dec.Long 60

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cambrian Ma 570 Unit Manitanyrd Fm.

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Dembovskii, D.Y., 1983, Basal Formations of the Uralides in the Northern Urals and their ore content: Lithology and Mineral Resources, v. 18, p. 31-41.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 105 Cont AS NameDeposit Kurpandzha

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 61 Long.Deg 137 Dec.Lat 61.25 StateProvince

Lat.Min 15 Long.Min 30 Dec.Long 137.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Devonian Carboniferous Ma 360 Unit Perelomnya Series

HostRocks dolomitic sandstone, dolomite breccia

HangingwallBeds

FootwallRocks Amygdaloidal basalt

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite. Native copper in basalt

TraceMinerals

Comments

Reference Bogdanov, Yu. V. 1984, Principal types of stratiform copper deposits in sedimentary rocks of USSR: Proceedings of the 27th International Geologic Congress, v.12, Metallogensis and Mineral Ore Deposits, p. 407-422.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 106 Cont AS NameDeposit Velmo River

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 60 Long.Deg 92 Dec.Lat 60.75 StateProvince

Lat.Min 45 Long.Min 30 Dec.Long 92.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Cambrian Ma 540 Unit Evenki Fm.

HostRocks Limestone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Miroshnikov, A.Y., 1981, Paleotectonics of the middle and late Cambrian development stage of the Angara Platform, cupriferous basin: Geotectonics, v. 15. no. 2, p. 123-131.

Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

G I I S f C d O Fil 2915b 256

DepositID 107 Cont AS NameDeposit Kamo River

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 60 Long.Deg 97 Dec.Lat 60.5 StateProvince

Lat.Min 30 Long.Min 30 Dec.Long 97.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Cambrian Ma 530 Unit Evenki Fm.

HostRocks Limestone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 108 Cont AS NameDeposit Irkineeva River

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 59 Long.Deg 98 Dec.Lat 59.5 StateProvince

Lat.Min 30 Long.Min 15 Dec.Long 98.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Cambrian Ma 530 Unit Evenki Fm.

HostRocks Algal limestone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy Malachite, bornite, chalcocite, covellite

TraceMinerals

Comments Grades up to 0.3% Cu

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 109 Cont AS NameDeposit Katanga-Chadobets

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 59 Long.Deg 100 Dec.Lat 59.5 StateProvince

Lat.Min 30 Long.Min 45 Dec.Long 100.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Cambrian Ma 530 Unit Evenki Fm.

HostRocks Algal limestone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Miroshnikov, A.Y., 1981, Paleotectonics of the middle and late Cambrian development stage of the Angara Platform, cupriferous basin: Geotectonics, v. 15. no. 2, p. 123-131.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 110 Cont AS NameDeposit Ugui Graben

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 59 Long.Deg 119 Dec.Lat 59 StateProvince

Lat.Min 00 Long.Min 59 Dec.Long 119.983333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Chourodinski Fm.

HostRocks dolomitic sandstone, dolomite breccia

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Correlates with upper Sakukan Suite at Udokan

Reference Davydov, Yu. V., 1987, Lower Proterozoic cupriferous formations of the Ugui trough, South Yakutia, and their correlation with the Udokan Complex: Lithology and Mineral ResourcesV. 21, no. 3, p.260-272.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 111 Cont AS NameDeposit Bedoba River

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 97 Dec.Lat 58.8333333 StateProvince

Lat.Min 50 Long.Min 15 Dec.Long 97.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Cambrian Ma 530 Unit Evenki Fm.

HostRocks Algal limestone, sandstone, silstone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kutyrev, E.I., 1969, Distribution patterns of copper mineralization in middle and upper Cambrian rocks of the Southern Siberian Platform facies: Lithology and Mineral Resources, no. 3, p.302-315

Salikhov, V.S.,1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p. 83-94.

Borzenko, G.F.and Sklyarov, R.Ya.,1971, The copper basin of Angara Region: International Geology Review, v. 13, no. 6, p. 842-848.

DepositID 112 Cont AS NameDeposit Lena

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 106 Dec.Lat 58.7666667 StateProvince

Lat.Min 46 Long.Min 30 Dec.Long 106.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Cambrian Ma 520 Unit Ilga Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kutyrev, E.I., 1969, Distribution patterns of copper mineralization in middle and upper Cambrian rocks of the Southern Siberian Platform facies: Lithology and Mineral Resources, no. 3, p.302-315

Salikhov, V.S., 1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p. 83-94.

DepositID 113 Cont AS NameDeposit Bilyakchan Series

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 139 Dec.Lat 58.75 StateProvince

Lat.Min 45 Long.Min 00 Dec.Long 139

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Proterozoic Ma 2000 Unit Bilyakchan Series

HostRocks Siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 114 Cont AS NameDeposit Yenisei Ridge

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 94 Dec.Lat 58.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 94

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic-Vendian Ma 580 Unit Taseevo Ser.

HostRocks Sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 115 Cont AS NameDeposit Kirov Region

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 49 Dec.Lat 58.3333333 StateProvince

Lat.Min 20 Long.Min 50 Dec.Long 49.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Shale, claystone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 116 Cont AS NameDeposit Irkutsk Amphitheater

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 58 Long.Deg 107 Dec.Lat 58 StateProvince

Lat.Min 00 Long.Min 30 Dec.Long 107.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age M.Ordoician Ma 460 Unit Krivolutsk and

HostRocks Silstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Salikhov, V.S., 1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p. 83-94.

Kulakov, M.K., 1976, Genetic types of stratiform mineralization in the Irkutsk Amphitheater: Soviet Geology and Geophysics, v. 17, p. 41-47.

DepositID 117 Cont AS NameDeposit Kan-Taseyeva Basin

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 57 Long.Deg 95 Dec.Lat 57.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 95

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Cambrian Ma 520 Unit Verkholsk Ser.

HostRocks Sandstone, siltstone, dolomite gypsum

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineral horizon persists for tens of kms

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 118 Cont AS NameDeposit Krasnoye

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 57 Long.Deg 121 Dec.Lat 57.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 121

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Udokan Series, Chitkanda

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 119 Cont AS NameDeposit Olekma Branch

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 57 Long.Deg 119 Dec.Lat 57.3333333 StateProvince

Lat.Min 20 Long.Min 55 Dec.Long 119.916667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Kebekta Suite

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 120 Cont AS NameDeposit South Muya Range

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 57 Long.Deg 113 Dec.Lat 57.25 StateProvince

Lat.Min 15 Long.Min 30 Dec.Long 113.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Proterozoic Ma 2000 Unit Samodurovka Suite

HostRocks Sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

**Reference** Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Salikhov, V.S., 1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p.83-94

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 121 Cont AS NameDeposit Aleksandrovka Suite

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 57 Long.Deg 120 Dec.Lat 57 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 120

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Udokan Series,

HostRocks Siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 122 Cont AS NameDeposit Perm Vyatka

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 56 Long.Deg 50 Dec.Lat 56.5 StateProvince

Lat.Min 30 Long.Min 45 Dec.Long 50.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Permian Ma 250 Unit Sheshma Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite, covellite, tennantite.

TraceMinerals

Comments

Reference Nechayev, Y.A., 1967, Lithologic control of copper mineralization in Upper Permian rocks of Perm-Uralian Territory and Vyatka-Kama District: International Geology Review. V. 9, no. 1, p. 59-62.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 123 Cont AS NameDeposit Burpala

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 56 Long.Deg 115 Dec.Lat 56.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 115

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Udokan Series, Talakan

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 124 Cont AS NameDeposit Udokan

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 56 Long.Deg 118 Dec.Lat 56.5 StateProvince

Lat.Min 30 Long.Min 10 Dec.Long 118.166667

Lat.Sec Long.Sec GeolProv 1216

OreMmt 1200 CuGrade% 2 CoGrade% AgGradeppm  
CuMmt 24

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2100 Unit Udokan series

HostRocks argillite, silty sandstone, sandy limestone

HangingwallBeds Quartz-feldspar sandstone, pinkish gray

FootwallRocks Quartz-feldspar sandstone, pinkish gray

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite, magnetite, hematite

TraceMinerals Valleriite, molybdenite, vattikhenite, pyrrhotite, sphalerite, marcasite, tennantite, polydymite, cobaltite, stromeyerite, nat. silver

Comments Udokan series intruded by 2000Ma granite

Reference Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper in Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

Bolodin, R.N., Chechetkin, V.S., Bogdanov, Yu.V., Narkelyun, L.F., and Trubachev, A.I., 1994, The Udokan cupriferous sandstone deposits (Eastern Siberia): Geologiya Rudnykh Mestorozhdenii, Tom 36, p.3-30 (in Russian).

DepositID 125 Cont AS NameDeposit Naminga Suite

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 56 Long.Deg 117 Dec.Lat 56 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 117

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Udokan Series, Namingin

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy Magnetite, chalcocite, bornite, chalcopyrite

TraceMinerals

Comments

**Reference** Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p

DepositID 126 Cont AS NameDeposit Bryansk Rapids

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 55 Long.Deg 103 Dec.Lat 55.5 StateProvince

Lat.Min 30 Long.Min 45 Dec.Long 103.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Ordovician Ma 480 Unit Iya and Ust' Kut Suites

HostRocks Algal limestone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, chalcocite, malachite

TraceMinerals

Comments Five meters with <0.3% Cu. Ust' Kut unit contains galena

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Borzenko, G.F. and Sklyarov, R.Ya., 1971, The copper basin of Angara Region: International Geology Review, v. 13, no. 6, p. 842-848.

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 127 Cont AS NameDeposit Kandrykul

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 55 Long.Deg 53 Dec.Lat 55.4166667 StateProvince

Lat.Min 25 Long.Min 00 Dec.Long 53

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

**Reference** Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: Geochemistry International, V. 9, p. 56-67.

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 128 Cont AS NameDeposit Butun Suite

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 55 Long.Deg 116 Dec.Lat 55 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 116

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Udokan Series, Butun Suite

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy Pyrite, hematite, scapolite

TraceMinerals Chalcopyrite, bornite

Comments

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p

DepositID 129 Cont AS NameDeposit Bugulma

OtherNames Bugu'lminskaya

Includes

Country Code RUSA Country Russia

Lat.Deg 54 Long.Deg 52 Dec.Lat 54.5333333 StateProvince

Lat.Min 32 Long.Min 46 Dec.Long 52.7666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Claystone, marl, dolomite

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 130 Cont AS NameDeposit Belebey

OtherNames Belebeevskaya, Belebei, Kursak Rudniki

Includes

Country Code RUSA Country Russia

Lat.Deg 54 Long.Deg 54 Dec.Lat 54.0833333 StateProvince

Lat.Min 05 Long.Min 07 Dec.Long 54.1166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

**Reference** Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: *Geochemistry International*, V. 9, p. 56-67.

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: *Economic Geology*, v. 60, p. 942-954.

Malyuga, V.I., 1967, Distribution of exogenetic copper concentrations in the Ural region: *Lithology and Mineral Resources*, no. 6, p. 766-774.

Kirkham, R.V., Carriere, J.J., Laramee, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: *Geological Survey of Canada Open File 2915b*, 256 p.

Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, *Stratifikirovannyye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR)*: Leningrad, Nedra

DepositID 131 Cont AS NameDeposit Aksakovskaya

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 54 Long.Deg 54 Dec.Lat 54 StateProvince

Lat.Min 00 Long.Min 14 Dec.Long 54.2333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

Reference Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: *Geochemistry International*, V. 9, p. 56-67.

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: *Economic Geology*, v. 60, p. 942-954.

Bogdanov, Y.V., Bur'yanova, E.Z., and Kityrev, E.I., 1973, *Stratifikirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR)*: Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 132 Cont AS NameDeposit Tagul-Uda Rivers

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 54 Long.Deg 98 Dec.Lat 54 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 98

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic-Vendian Ma 580 Unit Asinskaya Ser.

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineral horizon persists for tens of kms

Reference Bezrodnikh, , Y.P., Narkelyun, L.F., Salikhov, V.S., and Trubachev, A.I., 1969, Types of copper mineralization in the Oselkovaya Series, Sayan Region: Dokladi Akademii Nauk SSSR, V. 190, p. 23-25.

Salikhov, V.S.,1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p. 83-94.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 133 Cont AS NameDeposit Urshak

OtherNames Belebei, Kursak Rudniki

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 54 Dec.Lat 53.9166667 StateProvince

Lat.Min 55 Long.Min 55 Dec.Long 54.9166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

Reference Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: Geochemistry International, V. 9, p. 56-67.

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 134 Cont AS NameDeposit Malokos

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 108 Dec.Lat 53.75 StateProvince

Lat.Min 45 Long.Min 00 Dec.Long 108

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Proterozoic Ma 1800 Unit Malokos Suite

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite, bornite, chalcocite,

TraceMinerals

Comments Contains Cu-Ag-Co

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

DepositID 135 Cont AS NameDeposit Baza

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 96 Dec.Lat 53.6666667 StateProvince

Lat.Min 40 Long.Min 48 Dec.Long 96.8

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Devonian Ma 385 Unit Kazanovskaya Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 136 Cont AS NameDeposit Federovo Sterlibasevo

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 55 Dec.Lat 53.5 StateProvince

Lat.Min 30 Long.Min 05 Dec.Long 55.0833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

Reference Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: Geochemistry International, V. 9, p. 56-67.

Davidson, C.F.,1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 137 Cont AS NameDeposit Iliktinsk Suite

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 107 Dec.Lat 53.5 StateProvince

Lat.Min 30 Long.Min 55 Dec.Long 107.916667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Proterozoic Ma 1800 Unit Iliktinsk Suite

HostRocks Black phyllite

HangingwallBeds

FootwallRocks

Mineralogy Pyrite, chalcopyrite

TraceMinerals

Comments Contains Cu-Co

Reference Narkelyun, L.F., Bezrodnikh, Y.P., and Kularov, M.A., 1969, Copper potential of sedimentary bodies in South Siberian Platform: International Geology Review, v. 11, p. 1600-1610.

Salikhov, V.S., 1975, Post sedimentation changes in copper-bearing deposits of the South Siberian Platform: International Geology Review, v. 17, p. 83-94.

DepositID 138 Cont AS NameDeposit Tustuzhul

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 53 Long.Deg 94 Dec.Lat 53 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 94

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Devonian Ma 385 Unit Tustuzhul Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 139 Cont AS NameDeposit Salmysh

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 52 Long.Deg 55 Dec.Lat 52.5 StateProvince

Lat.Min 30 Long.Min 07 Dec.Long 55.116667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Lurye, A.M. and Gablina, I.F., The copper source in production of Mansfield type deposits in the West Ural Foreland: Geochemistry International, V. 9, p. 56-67.

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 140 Cont AS NameDeposit Atbasar-3

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 52 Long.Deg 68 Dec.Lat 52.1666667 StateProvince

Lat.Min 10 Long.Min 40 Dec.Long 68.6666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age M. Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 141 Cont AS NameDeposit Sakmara

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 52 Long.Deg 55 Dec.Lat 52 StateProvince

Lat.Min 00 Long.Min 20 Dec.Long 55.3333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Coarse sandstone and fine lake sediments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 142 Cont AS NameDeposit Pechishchi-Raisino

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 52 Long.Deg 92 Dec.Lat 52 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 92

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age M. Devonian Ma 385 Unit Tolstakovskaya Fm.

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Barite, celestite

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 143 Cont AS NameDeposit Atbasar-2

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 51 Long.Deg 68 Dec.Lat 51.9166667 StateProvince

Lat.Min 55 Long.Min 02 Dec.Long 68.0333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 144 Cont AS NameDeposit Ushkarasu

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 51 Long.Deg 67 Dec.Lat 51.8333333 StateProvince

Lat.Min 50 Long.Min 00 Dec.Long 67

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Vladimirovskaya Suite

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re and Mo

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 145 Cont AS NameDeposit Atbasar-1

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 51 Long.Deg 68 Dec.Lat 51.8305556 StateProvince

Lat.Min 49 Long.Min 27 Dec.Long 68.45

Lat.Sec 50 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age M. Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 146 Cont AS NameDeposit Vyasovka

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 51 Long.Deg 55 Dec.Lat 51.7833333 StateProvince

Lat.Min 47 Long.Min 51 Dec.Long 55.85

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone, graywacke

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Deltaic, fluviatile, with plant debris

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 147 Cont AS NameDeposit Kargala

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 51 Long.Deg 56 Dec.Lat 51.75 StateProvince

Lat.Min 45 Long.Min 51 Dec.Long 56.85

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Permian Ma 250 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu minerals form cement and concretions, and replace plant remains.

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 148 Cont AS NameDeposit Bolshoi Bogdo Mountains

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 51 Long.Deg 55 Dec.Lat 51.25 StateProvince

Lat.Min 15 Long.Min 00 Dec.Long 55

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Triassic Ma 230 Unit

HostRocks Sandy clay

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn in overlying carbonate rocks

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 149 Cont AS NameDeposit Turgan Gulf

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 51 Long.Deg 67 Dec.Lat 51.1666667 StateProvince

Lat.Min 10 Long.Min 43 Dec.Long 67.7166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age L. Permian Ma 250 Unit Kiyma Suite

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 150 Cont AS NameDeposit Kazyngol

OtherNames

Includes Soroi

Country Code RUSA Country Russia

Lat.Deg 51 Long.Deg 90 Dec.Lat 51 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 90

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 151 Cont AS NameDeposit Olenty River

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 73 Dec.Lat 50.9166667 StateProvince

Lat.Min 55 Long.Min 30 Dec.Long 73.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 152 Cont AS NameDeposit Kyzyloba

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.825 StateProvince

Lat.Min 49 Long.Min 26 Dec.Long 68.4333333

Lat.Sec 30 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Vladimirovskaya Suite

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re and Mo

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 153 Cont AS NameDeposit Kokpekty

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.8033333 StateProvince

Lat.Min 48 Long.Min 10 Dec.Long 68.1666667

Lat.Sec 12 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Vladimirovskaya Suite

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu:Re ratio, 1:7500; Re:Mo, !:3

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 154 Cont AS NameDeposit Akken

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.75 StateProvince

Lat.Min 45 Long.Min 30 Dec.Long 68.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Vladimirovskaya Suite

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re, Mo

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 155 Cont AS NameDeposit Kopkazgen

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.625 StateProvince

Lat.Min 37 Long.Min 08 Dec.Long 68.1333333

Lat.Sec 30 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Vladimirovskaya Suite

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re, Mo

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 156 Cont AS NameDeposit Aschilin Bay

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.5 StateProvince

Lat.Min 30 Long.Min 07 Dec.Long 68.116667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age L. Permian Ma 250 Unit

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 157 Cont AS NameDeposit Teniz-Sarysu Divide

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 50 Long.Deg 67 Dec.Lat 50.4166667 StateProvince

Lat.Min 25 Long.Min 53 Dec.Long 67.8833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 158 Cont AS NameDeposit Akmolynsk-Ishim

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 67 Dec.Lat 50.4166667 StateProvince

Lat.Min 25 Long.Min 53 Dec.Long 67.8833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Salt-gypsum beds. Deposit containsPb

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 159 Cont AS NameDeposit Kenen

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 68 Dec.Lat 50.3416667 StateProvince

Lat.Min 20 Long.Min 00 Dec.Long 68

Lat.Sec 30 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age M. Carboniferous Ma 320 Unit

HostRocks Sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu:Re, 1:540; Re:Mo, 1:1.5

Reference Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 160 Cont AS NameDeposit Aktubinsk

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 50 Long.Deg 57 Dec.Lat 50.2666667 StateProvince

Lat.Min 16 Long.Min 20 Dec.Long 57.3333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Permian Ma 250 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 2,800 occurrences in area100 by 600 km

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 161 Cont AS NameDeposit Ulutau North

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 49 Long.Deg 67 Dec.Lat 49.1 StateProvince

Lat.Min 06 Long.Min 00 Dec.Long 67

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 162 Cont AS NameDeposit Ulutau South

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.5166667 StateProvince

Lat.Min 31 Long.Min 00 Dec.Long 67

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 163 Cont AS NameDeposit Karashoshak

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.3411111 StateProvince

Lat.Min 20 Long.Min 43 Dec.Long 67.7236111

Lat.Sec 28 Long.Sec 25 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Carboniferous Ma 300 Unit Dzhezkazgan Grp.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re, Mo. Taskuduk Belt

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper *in* Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

DepositID 164 Cont AS NameDeposit Kipshakpay

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.3 StateProvince

Lat.Min 18 Long.Min 34 Dec.Long 67.5666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Carboniferous Ma 300 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Re, Mo. Taskuduk Belt

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 165 Cont AS NameDeposit Sari Oba

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.2833333 StateProvince

Lat.Min 17 Long.Min 26 Dec.Long 67.4333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Carboniferous Ma 300 Unit Dzhezkazgan Grp.

HostRocks Sandstone, silstone conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals

Comments Cu, Pb, Zn, Ag, Re

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper *in* Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

DepositID 166 Cont AS NameDeposit Itauz

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.2666667 StateProvince

Lat.Min 16 Long.Min 20 Dec.Long 67.3333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Carboniferous Ma 300 Unit Dzhezkazgan Grp.

HostRocks Sandstone, silstone conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals

Comments Contains Re, Mo. Taskuduk Belt

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper *in* Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

DepositID 167 Cont AS NameDeposit Kengir

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 48 Long.Deg 68 Dec.Lat 48.1933333 StateProvince

Lat.Min 11 Long.Min 00 Dec.Long 68

Lat.Sec 36 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Devonian Ma 370 Unit Dzhezkazgan Grp.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 168 Cont AS NameDeposit Dzhartas

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.1266667 StateProvince

Lat.Min 07 Long.Min 32 Dec.Long 67.5416667

Lat.Sec 36 Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age U. Carboniferous Ma 300 Unit Dzhezkazgan Grp.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Re:Cu, 1:3200; Re:Mo, 1:0.6

Reference

Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 169 Cont AS NameDeposit Sorkuduk

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 48 Long.Deg 67 Dec.Lat 48.0166667 StateProvince

Lat.Min 01 Long.Min 32 Dec.Long 67.5402778

Lat.Sec Long.Sec 25 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Dzhezkazgan Grp.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Re:Cu, 1:7500; Re:Mo, 1:1.1

Reference

Seyfullin, S.S., Kalinin, S.K. Strutinskiyi, A.V., and Fayn, E. Ye. 1974, 1974, Rhenium in stratified copper deposits and showings in west central Kazakstan: Geochemistry International, v. 11, no. 2 p. 414-418.

DepositID 170 Cont AS NameDeposit Dzhezkazgan

OtherNames Jeskesgan

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 47 Long.Deg 67 Dec.Lat 47.8666667 StateProvince

Lat.Min 52 Long.Min 18 Dec.Long 67.3

Lat.Sec Long.Sec GeolProv Chu Sari

OreMmt 439 CuGrade% 1.54 CoGrade% AgGradeppm

CuMmt 6.7606

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Dzhezkazgan suite

HostRocks Sandstone, siltstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, galena sphalerite, native silver, calcite barite

TraceMinerals Pyrite, marcasite, arsenopyrite, betekhtinite, dzhezkazganite

Comments 26 layers of gray sandstone are mineralized, 19, economic. Anomalous As, Cd, Bi, Co, Hg,. Au, Ni, Mo

Reference

Gablina, I. F., 1981, New data on formation conditions of the Dzhezkazgan copper deposit: International Geology Review, v. 23, p.1303-1311.

Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper in Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 171 Cont AS NameDeposit Spasski

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 47 Long.Deg 67 Dec.Lat 47.8166667 StateProvince

Lat.Min 49 Long.Min 18 Dec.Long 67.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Dzhezkazgan Grp.

HostRocks Sandstone, silstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals

Comments Cu, Pb, Zn, Ag, Re

Reference Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper *in* Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

DepositID 172 Cont AS NameDeposit Shipisai

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 47 Long.Deg 67 Dec.Lat 47.8 StateProvince

Lat.Min 48 Long.Min 08 Dec.Long 67.1333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Dzhezkazgan Grp.

HostRocks Sandstone, silstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals

Comments Cu, Pb, Zn, Ag, Re

Reference Samonov, I. Z., and Pozharisky, I.F., 1977, Deposits of copper *in* Smirnov, V.I. , ed., Ore Deposits of the USSR, v.2, London Pitman Publishing, p. 106-182.

DepositID 173 Cont AS NameDeposit Dzhezdy

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 47 Long.Deg 66 Dec.Lat 47.5833333 StateProvince

Lat.Min 35 Long.Min 52 Dec.Long 66.8666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Revett Cu

Age Carboniferous Ma 320 Unit Dzhezkazgan Grp.

HostRocks Sandstone, silstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite

TraceMinerals

Comments Cu, Pb, Zn, Ag, Re

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 174 Cont AS NameDeposit Chu River

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 45 Long.Deg 70 Dec.Lat 45 StateProvince

Lat.Min Long.Min Dec.Long 70

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 175 Cont AS NameDeposit Naukatski

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 44 Long.Deg 65 Dec.Lat 44.8666667 StateProvince

Lat.Min 52 Long.Min 28 Dec.Long 65.4666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Tertiary Ma 30 Unit Arkozovy Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 176 Cont AS NameDeposit Mangyshlak Peninsula-Karaduan

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 44 Long.Deg 51 Dec.Lat 44.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 51

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age M. Triassic Ma 230 Unit Tartala Fm

HostRocks Conglomerate, sandstone, limestone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Other copper occurrences in overlying M. Triassic redbeds of Karduan Fm.

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 177 Cont AS NameDeposit Mangyshlak Peninsula-Tartala

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 44 Long.Deg 50 Dec.Lat 44.4666667 StateProvince

Lat.Min 28 Long.Min 45 Dec.Long 50.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Triassic Ma 240 Unit Tartala Fm

HostRocks Calcareous sandstone, limestone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

G I I S f C d O Fil 2915b 256

DepositID 178 Cont AS NameDeposit Urup Sandstone

OtherNames

Includes

Country Code RUSA Country Russia

Lat.Deg 43 Long.Deg 40 Dec.Lat 43.7 StateProvince

Lat.Min 42 Long.Min 58 Dec.Long 40.9666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Jurassic Ma 180 Unit

HostRocks Siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Source of copper in underlying Paleozoic Chalcopyrite deposit.

Reference Zhabin, A.G., 1973, Jurassic redeposition copper halo of Paleozoic chalcopyrite ores: International Geology Review, V. 15, no. 4, p. 437-444.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 179 Cont AS NameDeposit Zhanatas

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 43 Long.Deg 69 Dec.Lat 43.5 StateProvince

Lat.Min 30 Long.Min 50 Dec.Long 69.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 180 Cont AS NameDeposit Mirgalim-Sai

OtherNames

Includes

Country Code KAZN Country Kazakistan

Lat.Deg 43 Long.Deg 68 Dec.Lat 43.45 StateProvince

Lat.Min 27 Long.Min 29 Dec.Long 68.4833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L, Carboniferous Ma 340 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Pb, Zn, Cu

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 181 Cont AS NameDeposit Dzhambul

OtherNames

Includes

Country Code KAZN Country Kazakstan

Lat.Deg 42 Long.Deg 71 Dec.Lat 42.75 StateProvince

Lat.Min 45 Long.Min 30 Dec.Long 71.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

DepositID 182 Cont AS NameDeposit Northern Kirgizia

OtherNames

Includes Atdzhayly, Dalen, Dzhilubulak, Skoye Utor, Tuyuk

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 75 Dec.Lat 42.6333333 StateProvince

Lat.Min 38 Long.Min 14 Dec.Long 75.2333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Carboniferous Ma 340 Unit Malinov Suite

HostRocks Conglomerate, sandstone, siltstone, argillite

HangingwallBeds

FootwallRocks Gypsum

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 183 Cont AS NameDeposit Dzhergalansk

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 79 Dec.Lat 42.6333333 StateProvince

Lat.Min 38 Long.Min 00 Dec.Long 79

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds Gypsum

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 184 Cont AS NameDeposit Frunzeul

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 74 Dec.Lat 42.5333333 StateProvince

Lat.Min 32 Long.Min 55 Dec.Long 74.9166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 185 Cont AS NameDeposit Przheval

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 78 Dec.Lat 42.525 StateProvince

Lat.Min 31 Long.Min 40 Dec.Long 78.6666667

Lat.Sec 30 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 186 Cont AS NameDeposit Kara Balty

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 73 Dec.Lat 42.5166667 StateProvince

Lat.Min 31 Long.Min 50 Dec.Long 73.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 187 Cont AS NameDeposit Kyzyl-Bel

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 72 Dec.Lat 42.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 72

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 700 Unit

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 188 Cont AS NameDeposit Rybachye

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 75 Dec.Lat 42.5 StateProvince

Lat.Min 30 Long.Min 40 Dec.Long 75.6666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Malinov Suite

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 189 Cont AS NameDeposit Talas Alatau

OtherNames

Includes

Country Code KYRZ Country Kyrgyzstan

Lat.Deg 42 Long.Deg 72 Dec.Lat 42.25 StateProvince

Lat.Min 15 Long.Min 30 Dec.Long 72.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cambrian Ma 560 Unit Malinov Ser.

HostRocks Schist

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Popov, V.M., 1962, Geologic regularities in the distribution of cupriferous sandstones in central Kazakhstan and the Northern Tyan'-Shan: International Geology Review, v. 4, p. 393-411.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 190 Cont AS NameDeposit Dschurgen

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 41 Long.Deg 81 Dec.Lat 41.8 StateProvince Sinkiang

Lat.Min 48 Long.Min 50 Dec.Long 81.8333333

Lat.Sec Long.Sec GeolProv 3154

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Shale, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Azurite, malachite

TraceMinerals

Comments

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 191      Cont AS      NameDeposit Kucha  
 OtherNames Kuqa  
 Includes  
 Country Code CINA      Country China  
 Lat.Deg 41      Long.Deg 82      Dec.Lat 41.75      StateProvince Xinjiang  
 Lat.Min 45      Long.Min 45      Dec.Long 82.75  
 Lat.Sec      Long.Sec      GeolProv 3154  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt  
 DepositType Redbed Cu  
 Age L. Tertiary      Ma 60      Unit Konchan Fm  
 HostRocks Sandstone  
 HangingwallBeds  
 FootwallRocks  
 Mineralogy  
 TraceMinerals  
 Comments .

**Reference** Cheng, Shoude, 1989, Geological characteristics and genesis of Tertiary copper-bearing sandstone occurrences along the northwestern margin of the Tarim Basin, Xinjiang Uygur Autonomous Region, China *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 661-665

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
 Geological Survey of Canada Open File 2915b, 256 p.

DepositID 192 Cont AS NameDeposit Aksu

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 41 Long.Deg 80 Dec.Lat 41.6 StateProvince Xinjiang

Lat.Min 36 Long.Min 18 Dec.Long 80.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Konchan Fm.

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 193      Cont AS      NameDeposit Disue-2  
 OtherNames  
 Includes  
 Country Code CINA      Country China  
 Lat.Deg 41      Long.Deg 82      Dec.Lat 41.5666667      StateProvince Xinjiang  
 Lat.Min 34      Long.Min 00      Dec.Long 82  
 Lat.Sec      Long.Sec      GeolProv 3154  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt

DepositType Redbed Cu  
 Age Miocene-Pliocene      Ma 12      Unit Konchan Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, covellite. Calcite, hematite, chlorite, pyrite

TraceMinerals Galena

Comments

Reference Cheng, Shoude, 1989, Geological characteristics and genesis of Tertiary copper-bearing sandstone occurrences along the northwestern margin of the Tarim Basin, Xinjiang Uygur Autonomous Region, China *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 661-665

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
 Geological Survey of Canada Open File 2915b, 256 p.

DepositID 194 Cont AS NameDeposit Disue-1

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 41 Long.Deg 81 Dec.Lat 41.5 StateProvince Xinjiang

Lat.Min 30 Long.Min 15 Dec.Long 81.25

Lat.Sec Long.Sec GeolProv 3154

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Miocene-Pliocene Ma 12 Unit Konchan Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, covellite, calcite, hematite, chlorite,  
pyrite galena

TraceMinerals

Comments Konchan Fm.

Reference Cheng, Shoude, 1989, Geological characteristics and genesis of Tertiary copper-bearing sandstone occurrences along the northwestern margin of the Tarim Basin, Xinjiang Uygur Autonomous Region, China *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 661-665

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 195 Cont AS NameDeposit Naukat

OtherNames

Includes

Country Code UZBN Country Uzbekistan

Lat.Deg 40 Long.Deg 71 Dec.Lat 40.8333333 StateProvince

Lat.Min 50 Long.Min 36 Dec.Long 71.6

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Neogene Ma 12 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 196 Cont AS NameDeposit Chimbai-Saluk

OtherNames

Includes

Country Code UZBN Country Uzbekistan

Lat.Deg 40 Long.Deg 73 Dec.Lat 40.25 StateProvince

Lat.Min 15 Long.Min 00 Dec.Long 73

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Neogene Ma 12 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 197 Cont AS NameDeposit Ravinou

OtherNames

Includes

Country Code UZBN Country Uzbekistan

Lat.Deg 40 Long.Deg 72 Dec.Lat 40.2 StateProvince

Lat.Min 12 Long.Min 24 Dec.Long 72.4

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 260 Unit Khatarminsk

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian).

Vol'nov, B.A., Leleshus, V.L., and Provotorov, N.G., 1978, Presence of copper in the southwestern Darvaz: Doklady Akademii Nauk Tadzhikskoi SSR-CISTI, v. 21, p. 37-40. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

G I I S f C d O Fil 2915b 256

DepositID 198 Cont AS NameDeposit Naykatskoye

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 40 Long.Deg 74 Dec.Lat 40 StateProvince Xinjiang

Lat.Min 00 Long.Min 45 Dec.Long 74.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 199 Cont AS NameDeposit Kungitang

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 39 Long.Deg 74 Dec.Lat 39.7333333 StateProvince Xinjiang

Lat.Min 44 Long.Min 2 Dec.Long 74.0333333

Lat.Sec Long.Sec GeolProv 3154

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 200 Cont AS NameDeposit Gaudan

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 39 Long.Deg 74 Dec.Lat 39.7166667 StateProvince Xinjiang

Lat.Min 43 Long.Min 2 Dec.Long 74.0333333

Lat.Sec Long.Sec GeolProv 1158

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 201 Cont AS NameDeposit Daraitang

OtherNames

Includes

Country Code UZBN Country Uzbekistan

Lat.Deg 39 Long.Deg 72 Dec.Lat 39.3333333 StateProvince

Lat.Min 20 Long.Min 30 Dec.Long 72.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Permian Ma 260 Unit Daraitang Series

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian).

Vol'nov, B.A., Leleshus, V.L., and Provotorov, N.G., 1978, Presence of copper in the southwestern Darvaz: Doklady Akademii Nauk Tadzhikskoi SSR-CISTI, v. 21, p. 37-40. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

G I I S f C d O Fil 2915b 256

DepositID 202 Cont AS NameDeposit Khozretishi

OtherNames

Includes

Country Code TADZ Country Tajikistan

Lat.Deg 39 Long.Deg 68 Dec.Lat 39.25 StateProvince

Lat.Min 15 Long.Min 00 Dec.Long 68

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit Karakuz Fm.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 203 Cont AS NameDeposit Gissar Range

OtherNames

Includes

Country Code TADZ Country Tajikistan

Lat.Deg 39 Long.Deg 68 Dec.Lat 39 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long 68

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit Obigarm Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 204 Cont AS NameDeposit Vakhsh Range

OtherNames

Includes

Country Code TADZ Country Tajikistan

Lat.Deg 38 Long.Deg 69 Dec.Lat 38.25 StateProvince

Lat.Min 15 Long.Min 10 Dec.Long 69.1666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit Yavan Fm.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 205 Cont AS NameDeposit Hadilik  
 OtherNames KuQa  
 Includes  
 Country Code CINA Country China  
 Lat.Deg 37 Long.Deg 87 Dec.Lat 37.6333333 StateProvince Xinjiang  
 Lat.Min 38 Long.Min 00 Dec.Long 87  
 Lat.Sec Long.Sec GeolProv 3118  
 OreMmt CuGrade% CoGrade% AgGradeppm  
 CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheng, Shoude, 1989, Geological characteristics and genesis of Tertiary copper-bearing sandstone occurrences along the northwestern margin of the Tarim Basin, Xinjiang Uygur Autonomous Region, China *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 661-665

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
 Geological Survey of Canada Open File 2915b, 256 p.

DepositID 206 Cont AS NameDeposit Lake Ayakkum

OtherNames KuQa

Includes

Country Code CINA Country China

Lat.Deg 37 Long.Deg 89 Dec.Lat 37.5833333 StateProvince Xinjiang

Lat.Min 35 Long.Min 10 Dec.Long 89.1666667

Lat.Sec Long.Sec GeolProv 3117

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 207 Cont AS NameDeposit West Sinkiang

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 35 Long.Deg 111 Dec.Lat 35.5833333 StateProvince

Lat.Min 35 Long.Min 15 Dec.Long 111.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Ma Unit

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 208 Cont AS NameDeposit Surkh-i-Parso

OtherNames

Includes

Country Code AFGN Country Afganistan

Lat.Deg 34 Long.Deg 68 Dec.Lat 34.85 StateProvince Parwan

Lat.Min 51 Long.Min 39 Dec.Long 68.65

Lat.Sec Long.Sec GeolProv 8001

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Carbonif.- L. Permian Ma 286 Unit

HostRocks Marble, limestone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite

TraceMinerals

Comments Uranium minerals present

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 209 Cont AS NameDeposit Taghar

OtherNames

Includes

Country Code AFGH

Country Afganistan

StateProvince Kabul

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.4313889

Lat.Min 25 Long.Min 22 Dec.Long 69.3786111

Lat.Sec 53 Long.Sec 43 GeolProv 8001

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Micaceous carbonate, phyllite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite, covellite

TraceMinerals

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 210 Cont AS NameDeposit Ghuldarra

OtherNames

Includes

Country Code AFGH Country Afganistan

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.3980556 StateProvince Kabul

Lat.Min 23 Long.Min 18 Dec.Long 69.3055556

Lat.Sec 53 Long.Sec 20 GeolProv 8002

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Marble

HangingwallBeds

FootwallRocks

Mineralogy Covellite, chalcopyrite, chalcocite

TraceMinerals

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 211 Cont AS NameDeposit Khurdkabul

OtherNames

Includes

Country Code AFGH Country Afganistan

StateProvince Kabul

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.3722222

Lat.Min 22 Long.Min 22 Dec.Long 69.3777778

Lat.Sec 20 Long.Sec 40 GeolProv 8002

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Carbonate-phyllite, garnet-mica schist, marble

HangingwallBeds

FootwallRocks

Mineralogy Covellite, chalcopyrite, chalcocite

TraceMinerals

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy, A.K.H, and Malyarov, E.P., 1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 212 Cont AS NameDeposit Zakhel

OtherNames

Includes

Country Code AFGH Country Afganistan

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.3347222 StateProvince Kabul

Lat.Min 20 Long.Min 16 Dec.Long 69.2666667

Lat.Sec 5 Long.Sec GeolProv 8002

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Marble

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Two zones, 1000 m long, 40 m thick, 1.06% Cu

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 213 Cont AS NameDeposit Jawkhar

OtherNames

Includes

Country Code AFGH

Country Afganistan

StateProvince Kabul

Lat.Deg 34

Long.Deg 69

Dec.Lat 34.3158333

Lat.Min 18

Long.Min 18

Dec.Long 69.3027778

Lat.Sec 57

Long.Sec 10

GeolProv 8002

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Vendian-Cambrian

Ma 570 Unit

HostRocks Calcareous sedimentary rocks, amphibolite, quartzite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, sphalerite, pyrite, pyrrhotite, magnetite, ilmenite

TraceMinerals

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

DepositID 214 Cont AS NameDeposit Darband

OtherNames

Includes

Country Code AFGH Country Afganistan

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.2666667 StateProvince  
Kabul

Lat.Min 16 Long.Min 24 Dec.Long 69.4  
Lat.Sec Long.Sec GeolProv 8002

OreMmt 1 CuGrade% 1 CoGrade% AgGradeppm  
CuMmt .01

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Micaceous marble, biotite-amphibole schist

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, pyrite

TraceMinerals

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 215 Cont AS NameDeposit Aynak

OtherNames

Includes

Country Code AFGH Country Afganistan

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.2661111 StateProvince  
Kabul

Lat.Min 15 Long.Min 18 Dec.Long 69.3005556

Lat.Sec 58 Long.Sec 2 GeolProv 8002

OreMmt 350 CuGrade% 2 CoGrade% AgGradeppm

CuMmt 7

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Sandstone, dolomite, carbonaceous shale

HangingwallBeds

FootwallRocks

Mineralogy Bornite chalcopyrite, pyrite, pyrrhotite, magnetite, carbon

TraceMinerals Sphalerite, pentlandite, violarite, smaltite, linnaeite

Comments

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 216 Cont AS NameDeposit Khundara

OtherNames

Includes

Country Code AFGH Country Afganistan

StateProvince Loghar

Lat.Deg 34 Long.Deg 69 Dec.Lat 34.2319444

Lat.Min 13 Long.Min 15 Dec.Long 69.2611111

Lat.Sec 55 Long.Sec 40 GeolProv 8002

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Vendian-Cambrian Ma 570 Unit

HostRocks Slate, marble

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 200-500 m long, 10-20 m thick, 0.8-1.7 % Cu

Reference Abdullah, S., Chmyriov, V.M., Stazhilo-Alekseev, K.F, Dronov, V.I., Gannon, P.J., Lubemov, B.K., Kafarskiy,A.K.H, and Malyarov, E.P.,1977 Mineral resources of Afghanistan: Ministry of Mines and Industries, Afghan Geological and Mines Survey, Republic of Afghanistan, Kabul, Edition 2, 419 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 217 Cont AS NameDeposit Jhakkar Kot

OtherNames

Includes

Country Code PKTH Country Pakistan

Lat.Deg 32 Long.Deg 72 Dec.Lat 32.5591667 StateProvince

Lat.Min 33 Long.Min 28 Dec.Long 72.4666667

Lat.Sec 33 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Permian Ma 260 Unit Warchha Sandstone

HostRocks Arkose, conglomerate, coal

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Central Salt Range

Reference Shah, S.M., 1980, Stratigraphy and economic geology of the Central Salt Range: Records of the Geological Survey of Pakistan, v. 52

DepositID 218 Cont AS NameDeposit TungKung

OtherNames HsiKu

Includes

Country Code CINA Country China

StateProvince Hubei

Lat.Deg 31 Long.Deg 111 Dec.Lat 31.3666667

Lat.Min 22 Long.Min 46 Dec.Long 111.766667

Lat.Sec Long.Sec GeolProv 3168

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 225 Unit

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 219 Cont AS NameDeposit Qamdo

OtherNames Zhangdu

Includes

Country Code CINA Country China

Lat.Deg 31 Long.Deg 97 Dec.Lat 31.1666667 StateProvince Xizang

Lat.Min 10 Long.Min 14 Dec.Long 97.2333333

Lat.Sec Long.Sec GeolProv 3137

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic Ma 230 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Deposit type doubtful.

Reference Chen, w., 1977 The geological characteristics, minerogenetic effects and ore-finding indices of the terrestrial sandstone copper ore of the Mesozoic era in southern regions of China; Academia Geologica Sinica, v. 3.

Wang, Y., Chen, C., He, G., and Chen, J. 1981 An outline of the marine Triassic in China: International Union of Geological Sciences, Internationa; Subcommittee on Triassic Stratigraphy, Tozer, E.T., ed., 21 p.

DepositID 220      Cont AS      NameDeposit DaTongChang  
 OtherNames  
 Includes  
 Country Code CINA      Country China  
 Lat.Deg 30      Long.Deg 105      Dec.Lat 30.6666667      StateProvince Sichuan  
 Lat.Min 40      Long.Min 4      Dec.Long 105.066667  
 Lat.Sec      Long.Sec      GeolProv 3142  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt

DepositType Redbed Cu

Age Cretaceous      Ma 100      Unit

HostRocks Purple and gray mudstone, sandstone

HangingwallBeds Salt bearing mudstone

FootwallRocks Sandstone, coal

Mineralogy Chalcocite

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
 Geological Survey of Canada Open File 2915b, 256 p.

DepositID 221 Cont AS NameDeposit ChienChupa

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 30 Long.Deg 103 Dec.Lat 30 StateProvince Sichuan

Lat.Min Long.Min Dec.Long 103

Lat.Sec Long.Sec GeolProv 3142

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit

HostRocks Gray-black sandy shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 222 Cont AS NameDeposit OmeiHsien

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 29 Long.Deg 106 Dec.Lat 29.2833333 StateProvince Sichuan

Lat.Min 17 Long.Min 12 Dec.Long 106.2

Lat.Sec Long.Sec GeolProv 3142

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit

HostRocks Sandy shale

HangingwallBeds

FootwallRocks Basalt

Mineralogy

TraceMinerals

Comments Underlain by Permian basalt

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 223 Cont AS NameDeposit Weining

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 104 Dec.Lat 26.85 StateProvince Kweichow

Lat.Min 51 Long.Min 12 Dec.Long 104.2

Lat.Sec Long.Sec GeolProv 3161

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Cretaceous Ma 100 Unit

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite

TraceMinerals

Comments

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 223 Cont AS NameDeposit Tang tang

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 104 Dec.Lat 26.4833333 StateProvince Yunnan

Lat.Min 29 Long.Min 12 Dec.Long 104.2

Lat.Sec Long.Sec GeolProv 3161

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit

HostRocks Red sandstone

HangingwallBeds

FootwallRocks Basalt

Mineralogy

TraceMinerals

Comments Grade 4% Cu

Reference Chu, H.J., 1935, The copper deposits of China *in* Copper Resources of the World, V.2  
XVI International Geological Congress, Washington D.C., p 663-680.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 225 Cont AS NameDeposit CheJiang

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 112 Dec.Lat 26.7833333 StateProvince Hunan

Lat.Min 47 Long.Min 34 Dec.Long 112.566667

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Cretaceous Ma 75 Unit

HostRocks Purple and gray sandstone

HangingwallBeds Halite-bearing mudstone

FootwallRocks Mudstone

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 226 Cont AS NameDeposit HuiLi

OtherNames Luchang

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 102 Dec.Lat 26.6833333 StateProvince Sichuan

Lat.Min 41 Long.Min 15 Dec.Long 102.25

Lat.Sec Long.Sec GeolProv 3157

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit

HostRocks Gray-green shale, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, pyrite

TraceMinerals

Comments

Reference Hua, Renmin, 1991, A study on the Kunyang Aulocogen: ActaGeologica Sinica, v. 4, p.131-144.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

Laznika, P., 1981, Data on the worldwide distribution of stratiform and stratabound ore deposits, Chapter 2 in Wolf, K.H., ed, Handbook of Stratiform and Stratabound Ore Deposits, Part III, p. 79-389.

DepositID 227 Cont AS NameDeposit YinMin  
OtherNames Dongchuan (Tungchuan) District  
Includes MienShan  
Country Code CINA Country China  
Lat.Deg 26 Long.Deg 102 Dec.Lat 26.3222222 StateProvince Yunnan  
Lat.Min 19 Long.Min 20 Dec.Long 102.333333  
Lat.Sec 20 Long.Sec GeolProv 3157  
OreMmt 40 CuGrade% 1 CoGrade% AgGradeppm  
CuMmt .4

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp. LaoXue Fm.

HostRocks Stromatolitic dolomite, argillic-arenaceous dolomite

HangingwallBeds Dolomite

FootwallRocks Purple shale, purple sedimentary breccia

Mineralogy Chalcocite, bornite, chalcopyrite, digenite, quartz, calcite, hematite

TraceMinerals Covellite, enargite

Comments Quartz veins in dolomite have high salinity fluid inclusions. Zoning is reversed; chalcopyrite and pyrite next to purple shale, bornite then

Reference Hua, Renmin, 1990, The sedimentation-reworking genesis of Dongchuan-type stratiform copper deposits: Chinese Journal of Geochemistry, v. 9, p.231-243.

Ran, Chongying, 1983, On genetic model of Dongchuan type strata-bound copper deposit: Scientia Sinica (Series B), v. 26, p. 983-995.

Ruan, Huichu, Hua, Renmin, and Cox, D.P., 1991, Copper deposition by fluid mixing in deformed strata adjacent to a salt diapir, Dongchuan area, Yunnan Province, China: Economic Geology, v. 86, p. 1539-1545.

DepositID 228 Cont AS NameDeposit LaoXue

OtherNames Dongchuan (Tungchuan) District

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 102 Dec.Lat 26.2916667 StateProvince Yunnan

Lat.Min 17 Long.Min 20 Dec.Long 102.333333

Lat.Sec 30 Long.Sec GeolProv 3157

OreMmt 50 CuGrade% 1 CoGrade% AgGradeppm  
CuMmt .5

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp. LaoXue Fm.

HostRocks Stromatolitic dolomite, argillic-arenaceous dolomite

HangingwallBeds Dolomite

FootwallRocks Purple shale, purple sedimentary breccia

Mineralogy Chalcocite, bornite, chalcopyrite, digenite, quartz, calcite, hematite

TraceMinerals Covellite, enargite

Comments Quartz-siderite veins in dolomite have high salinity fluid inclusions.  
Zoning reversed; chalcopyrite and pyrite next to purple shale, bornite

Reference Hua, Renmin, 1990, The sedimentation-reworking genesis of  
Dongchuan-type stratiform copper deposits: Chinese Journal of  
Geochemistry, v. 9, p.231-243.

Ran, Chongying, 1983, On genetic model of Dongchuan type strata-bound  
copper deposit: Scientia Sinica (Series B), v. 26, p. 983-995.

Ruan, Huichu, Hua, Renmin, and Cox, D.P., 1991, Copper deposition by fluid  
mixing in deformed strata adjacent to a salt diapir, Dongchuan area,  
Yunnan Province, China: Economic Geology, v. 86, p. 1539-1545.

DepositID 230 Cont AS NameDeposit LaoBeiChung  
OtherNames Dongchuan (Tungchuan) District  
Includes LaoPude, TseKeShu  
Country Code CINA Country China  
Lat.Deg 26 Long.Deg 102 Dec.Lat 26.25 StateProvince Yunnan  
Lat.Min 15 Long.Min 20 Dec.Long 102.333333  
Lat.Sec Long.Sec GeolProv 3157  
OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp. LaoXue Fm.

HostRocks Stromatolitic dolomite, argillic-arenaceous dolomite

HangingwallBeds Dolomite

FootwallRocks Purple shale, purple sedimentary breccia

Mineralogy Chalcocite, bornite, chalcopyrite, digenite, quartz, hematite

TraceMinerals Covellite, enargite

Comments Quartz veins in dolomite have high salinity fluid inclusions. Zoning is reversed; chalcopyrite and pyrite next to purple shale, bornite then

Reference Hua, Renmin, 1990, The sedimentation-reworking genesis of Dongchuan-type stratiform copper deposits: Chinese Journal of Geochemistry, v. 9, p.231-243.

Ran, Chongying, 1983, On genetic model of Dongchuan type strata-bound copper deposit: Scientia Sinica (Series B), v. 26, p. 983-995.

Ruan, Huichu, Hua, Renmin, and Cox, D.P., 1991, Copper deposition by fluid mixing in deformed strata adjacent to a salt diapir, Dongchuan area, Yunnan Province, China: Economic Geology, v. 86, p. 1539-1545.

DepositID 230 Cont AS NameDeposit TianZhong

OtherNames Dianzhong

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 104 Dec.Lat 26.2666667 StateProvince Yunnan

Lat.Min 16 Long.Min 1 Dec.Long 104.016667

Lat.Sec Long.Sec GeolProv 3161

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Violet-gray mudstone, siltstone, sandstone, conglomerate

HangingwallBeds Halite-bearing mudstone

FootwallRocks Sandstone

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 231 Cont AS NameDeposit TangDan  
 OtherNames Dongchuan (Tungchuan) District  
 Includes MaZhuDong  
 Country Code CINA Country China  
 Lat.Deg 26 Long.Deg 102 Dec.Lat 26.25 StateProvince Yunnan  
 Lat.Min 15 Long.Min 40 Dec.Long 102.666667  
 Lat.Sec Long.Sec GeolProv 3157  
 OreMmt 100 CuGrade% 1 CoGrade% AgGradeppm  
 CuMmt 1

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp. LaoXue Fm.

HostRocks Stromatolitic dolomite, argillic-arenaceous dolomite

HangingwallBeds Dolomite

FootwallRocks Purple shale, purple sedimentary breccia

Mineralogy Chalcocite, bornite, chalcopyrite, digenite, quartz, hematite

TraceMinerals Covellite, enargite

Comments Quartz veins in dolomite have high salinity fluid inclusions. Zoning is reversed; chalcopyrite and pyrite next to purple shale, bornite then

Reference Hua, Renmin, 1990, The sedimentation-reworking genesis of Dongchuan-type stratiform copper deposits: Chinese Journal of Geochemistry, v. 9, p.231-243.

Ran, Chongying, 1983, On genetic model of Donchuan type stata-bound copper deposit: Scientia Sinica (Series B), v. 26, p. 983-995.

Ruan, Huichu, Hua, Renmin, and Cox, D.P., 1991, Copper deposition by fluid mixing in deformed strata adjacent to a salt diapir, Dongchuan area, Yunnan Province, China: Economic Geology, v. 86, p. 1539-1545.

DepositID 232 Cont AS NameDeposit TongGuTang

OtherNames CheJiang Area

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 112 Dec.Lat 26.25 StateProvince Hunan

Lat.Min 15 Long.Min 10 Dec.Long 112.166667

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Paleocene Ma 64 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 233 Cont AS NameDeposit JiuQuiWan

OtherNames JiuQuWan JinQuWan

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 113 Dec.Lat 26.25 StateProvince Hunan

Lat.Min 15 Long.Min 5 Dec.Long 113.083333

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Cretaceous Ma 75 Unit

HostRocks Purple and gray sandstone

HangingwallBeds Sandstone

FootwallRocks sandstone

Mineralogy Chalcopyrite, bornite, native copper, cuprite

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 234 Cont AS NameDeposit TuanShan

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 26 Long.Deg 103 Dec.Lat 26 StateProvince Yunnan

Lat.Min 0 Long.Min 7 Dec.Long 103.116667

Lat.Sec Long.Sec GeolProv 3157

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Sandstone, black shale

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, pyrite

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 235 Cont AS NameDeposit Dacun

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 25 Long.Deg 103 Dec.Lat 25.75 StateProvince Yunnan

Lat.Min 45 Long.Min 0 Dec.Long 103

Lat.Sec Long.Sec GeolProv 3157

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 236 Cont AS NameDeposit Niutoushan

OtherNames KuQa

Includes

Country Code CINA Country China

Lat.Deg 25 Long.Deg 111 Dec.Lat 25.75 StateProvince Xinjiang

Lat.Min 45 Long.Min 30 Dec.Long 111.5

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 60 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 237 Cont AS NameDeposit LiuZu

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 25 Long.Deg 103 Dec.Lat 25.4166667 StateProvince Yunnan

Lat.Min 25 Long.Min 15 Dec.Long 103.25

Lat.Sec Long.Sec GeolProv 3157

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Gray sandstone, purple sandstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, pyrite, chalcopyrite, bornite, hematite

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 238 Cont AS NameDeposit KuangTung

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 25 Long.Deg 102 Dec.Lat 25.0666667 StateProvince Yunnan

Lat.Min 4 Long.Min 41 Dec.Long 102.683333

Lat.Sec Long.Sec GeolProv 3157

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Cretaceous Ma 100 Unit

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 239 Cont AS NameDeposit TongChangQing

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 24 Long.Deg 103 Dec.Lat 24.3333333 StateProvince Yunnan

Lat.Min 20 Long.Min 33 Dec.Long 103.55

Lat.Sec Long.Sec GeolProv 3125

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Sandstone, phyllite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 240 Cont AS NameDeposit ShiZhiShan

OtherNames Yimen District

Includes

Country Code CINA Country China

Lat.Deg 24 Long.Deg 102 Dec.Lat 24.1833333 StateProvince Yunnan

Lat.Min 11 Long.Min 10 Dec.Long 102.166667

Lat.Sec Long.Sec GeolProv

OreMmt 15 CuGrade% 0.92 CoGrade% AgGradeppm

CuMmt .138

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp.

HostRocks Dolomite

HangingwallBeds Black shale

FootwallRocks Purple micaceous dolomite

Mineralogy Chalcopyrite, pyrite, graphite

TraceMinerals Bornite

Comments

Reference Cox, D.P., unpublished data.

DepositID 241 Cont AS NameDeposit FengShan

OtherNames Yimen District

Includes

Country Code CINA Country China

Lat.Deg 24 Long.Deg 102 Dec.Lat 24.15 StateProvince Yunnan

Lat.Min 9 Long.Min 10 Dec.Long 102.166667

Lat.Sec Long.Sec GeolProv 5201

OreMmt 29 CuGrade% 1.2 CoGrade% AgGradeppm

CuMmt .348

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp.

HostRocks Dolomite

HangingwallBeds Black shale

FootwallRocks Purple micaceous dolomite

Mineralogy Chalcopyrite, pyrite, graphite

TraceMinerals Bornite

Comments

Reference Cox, D.P., unpublished data.

DepositID 242 Cont AS NameDeposit ShiShan

OtherNames Yimen District

Includes

Country Code CINA Country China

Lat.Deg 24 Long.Deg 102 Dec.Lat 24.1166667 StateProvince Yunnan

Lat.Min 7 Long.Min 10 Dec.Long 102.166667

Lat.Sec Long.Sec GeolProv 3107

OreMmt 52 CuGrade% 1.09 CoGrade% AgGradeppm

CuMmt .5668

DepositType Reduced facies Cu

Age Mid Proterozoic Ma 1500 Unit Kun Yang Grp.

HostRocks Dolomite

HangingwallBeds Black shale

FootwallRocks Purple micaceous dolomite

Mineralogy Chalcopyrite, pyrite, graphite

TraceMinerals Bornite

Comments

Reference Cox, D.P., unpublished data.

DepositID 243 Cont AS NameDeposit Dahu

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 24 Long.Deg 114 Dec.Lat 24 StateProvince Guangdong

Lat.Min 00 Long.Min 00 Dec.Long 114

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 65 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 244 Cont AS NameDeposit HaoJiaHe

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 23 Long.Deg 103 Dec.Lat 23.75 StateProvince Yunnan

Lat.Min 45 Long.Min 35 Dec.Long 103.583333

Lat.Sec Long.Sec GeolProv 3125

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Purple sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 245      Cont AS      NameDeposit GeYiZha  
 OtherNames  
 Includes  
 Country Code CINA      Country China  
 Lat.Deg 23      Long.Deg 104      Dec.Lat 23.5833333      StateProvince Yunnan  
 Lat.Min 35      Long.Min 5      Dec.Long 104.083333  
 Lat.Sec      Long.Sec      GeolProv 3125  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt  
 DepositType Redbed Cu  
 Age U. Cretaceous      Ma 70      Unit  
 HostRocks Sandstone  
 HangingwallBeds  
 FootwallRocks  
 Mineralogy  
 TraceMinerals  
 Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
 Geological Survey of Canada Open File 2915b, 256 p.

DepositID 246 Cont AS NameDeposit LaoQingShan

OtherNames

Includes

Country Code CINA Country China

Lat.Deg 23 Long.Deg 103 Dec.Lat 23.5 StateProvince Yunnan

Lat.Min 30 Long.Min 55 Dec.Long 103.916667

Lat.Sec Long.Sec GeolProv 3146

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Cretaceous Ma 70 Unit

HostRocks Bluish gray sandstone, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Chen, W., 1988, Mesozoic and Cenozoic sandstone-hosted copper deposits in South China: Mineralium Deposita, v. 23, p. 262-267.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 247 Cont AS NameDeposit Netanar

OtherNames

Includes

Country Code INDA Country India

Lat.Deg 18 Long.Deg 82 Dec.Lat 18.8666667 StateProvince Madya Pradesh

Lat.Min 52 Long.Min 3 Dec.Long 82.05

Lat.Sec Long.Sec GeolProv 8003

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 700 Unit

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Sen, S., 1975, Metallogeny and geochemistry of copper in a sedimentary formation of the Indravati Group, Bastar District, Madhya Pradesh: Indian Minerals v, 29,no. 1, p. 27-32.

DepositID 248 Cont AS NameDeposit Nan

OtherNames

Includes

Country Code THLD Country Thailand

Lat.Deg 18 Long.Deg 100 Dec.Lat 18.75 StateProvince

Lat.Min 45 Long.Min 50 Dec.Long 100.833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 150 Unit Khorat Grp..

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Tantisukrit, C., 1978, Review of the metallic mineral resources of Thailand: Third Regional Conference on Geology and Mineral Resources of Souteast Asia, Bangkok Thailand, 14-18 Nov., 1978, 541 p.

DepositID 249 Cont AS NameDeposit Lampang

OtherNames

Includes

Country Code THLD Country Thailand

Lat.Deg 18 Long.Deg 99 Dec.Lat 18.5666667 StateProvince

Lat.Min 34 Long.Min 55 Dec.Long 99.9166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Lampang Grp..

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Tantisukrit, C., 1978, Review of the metallic mineral resources of Thailand: Third Regional Conference on Geology and Mineral Resources of Souteast Asia, Bangkok Thailand, 14-18 Nov., 1978, 541 p.

Asnachinda, P. and Chantaramee, S., 1986, Regional controls of hydrothermal ore localization in Northern Thailand: GEOSEA V Proceedings, V. 1, Geological Society of Malaysia, Bulletin 19 p. 421-429.

DepositID 250 Cont AS NameDeposit Nam Phat

OtherNames

Includes Fak Tha

Country Code THLD Country Thailand

Lat.Deg 18 Long.Deg 100 Dec.Lat 18 StateProvince

Lat.Min 00 Long.Min 48 Dec.Long 100.8

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Jurassic Ma 150 Unit Khorat Grp., Sao Khua Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Workman, D.R.,1972, Mineral resources of the Lower Mekong Basin and adjacent areas of the Khmer Republic, Laos, Thailand, and Viet Nam: United Nations, Mineral Resources Development Series No. 39

DepositID 251 Cont AS NameDeposit Phu Wiang

OtherNames Pratu Teema

Includes

Country Code THLD Country Thailand

Lat.Deg 16 Long.Deg 102 Dec.Lat 16.6666667 StateProvince

Lat.Min 40 Long.Min 15 Dec.Long 102.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Jurassic Ma 150 Unit Khorat Grp., Sao Khua Fm.

HostRocks Arkose, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains U. Cu, V, Mn, Pb

Reference Tantisukrit, C., 1978, Review of the metallic mineral resources of Thailand: Third Regional Conference on Geology and Mineral Resources of Souteast Asia, Bangkok Thailand, 14-18 Nov., 1978, 541 p.

Gocht, W. , 1981, Type and origin of uranium mineralization in the Khorat Plateau, Thailand: Economic Geology, v. 76, p 1232-1244.

DepositID 252 Cont AS NameDeposit Houei Phai

OtherNames

Includes

Country Code LAOS Country Laos

Lat.Deg 14 Long.Deg 105 Dec.Lat 14.4666667 StateProvince

Lat.Min 28 Long.Min 41 Dec.Long 105.683333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Jurassic Ma 160 Unit

HostRocks Green sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fontain, H, and Workman, D.R., 1978, Review of the geology and mineral resources of Kampuchea, Laos, and Vietnam: Third Regional Conference on Geology and Mineral Resources of Southeast Asia, Bangkok, Thailand, 14-18 Nov., P. 541

DepositID 253 Cont AS NameDeposit Nong Khoum Thong

OtherNames

Includes

Country Code LAOS Country Laos

Lat.Deg 14 Long.Deg 105 Dec.Lat 14.3333333 StateProvince

Lat.Min 20 Long.Min 38 Dec.Long 105.633333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Jurassic Ma 160 Unit

HostRocks Green and red sandstone, andesite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fontain, H, and Workman, D.R., 1978, Review of the geology and mineral resources of Kampuchea, Laos, and Vietnam: Third Regional Conference on Geology and Mineral Resources of Southeast Asia, Bangkok, Thailand, 14-18 Nov., P. 541

DepositID 254 Cont AS NameDeposit Bagacay

OtherNames

Includes

Country Code PLPN Country Philippines

StateProvince Samar I.

Lat.Deg 11 Long.Deg 125 Dec.Lat 11.8333333

Lat.Min 50 Long.Min 15 Dec.Long 125.25

Lat.Sec Long.Sec GeolProv

OreMmt 2.9 CuGrade% 3.5 CoGrade% AgGradeppm

CuMmt .1015

DepositType Redbed Cu

Age Pliocene Ma 7 Unit

HostRocks Sandstone, carbonaceous shale, coal

HangingwallBeds Limestone

FootwallRocks Andesite, diorite

Mineralogy Chalcopyrite, chalcocite, pyrite, marcasite

TraceMinerals

Comments Pliocene beds underlain by pyritic rocks containing massive sulfide occurrences

Reference Kinkle. A.R., Jr., Santos-Ynigo, L.M., Samaniego, S., Crispin, O., 1956, Copper deposits of the Philippines: Philippine Bureau of Mines Publication No. 16, 305 p.

McMahon, A.D., 1965, Copper, a materials survey: United States Bureau of Mines, Information Circular 8225, 340 p.

DepositID 255 Cont AU NameDeposit Wave Hill

OtherNames

Includes

Country Code AUNT Country Australia

Lat.Deg -17 Long.Deg 131 Dec.Lat -17.3333333 StateProvince Northern Territory

Lat.Min -20 Long.Min 02 Dec.Long 131.033333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit Watite Grp.

HostRocks Chert, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 256 Cont AU NameDeposit Waterhouse Range

OtherNames

Includes

Country Code AUNT Country Australia

Lat.Deg -24 Long.Deg 133 Dec.Lat -24.05 StateProvince Northern Territory

Lat.Min -03 Long.Min 16 Dec.Long 133.266667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 257 Cont AU NameDeposit Boorloo

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -29 Long.Deg 137 Dec.Lat -29.6666667 StateProvince South  
Australia

Lat.Min -40 Long.Min 55 Dec.Long 137.916667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 630 Unit Umberatana Grp.

HostRocks Conglomerate, sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite

TraceMinerals

Comments

Reference Rayner, R.A., and Rowlands, N.J., 1980. Stratiform copper in the Late Proterozoic Boorloo Formation, South Australia: Mineralium Deposita, v. 15, p. 139-149.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 258 Cont AU NameDeposit Warra Warra

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -29 Long.Deg 137 Dec.Lat -29.8833333 StateProvince South  
Ausralia

Lat.Min -53 Long.Min 49 Dec.Long 137.816667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U.Proterozoic Ma 630 Unit Burra Grp.

HostRocks Shale, sandstone, dolomitic siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 259 Cont AU NameDeposit Yudnamutana

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -30 Long.Deg 139 Dec.Lat -30 StateProvince South  
Australia

Lat.Min 00 Long.Min 20 Dec.Long 139.333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit

HostRocks amphibolite, meta dolomite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrrhotite

TraceMinerals

Comments

Reference Rowlands, N.L., 1974, The Geology of some Adlaidean stratiform copper occurrences in Bartholomé, Paul, ed. Gisements Stratiform et Provinces Cuprifère: Liège, Société Géologique de Belgique, p. 419-427.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 260 Cont AU NameDeposit Mount Coffin

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -30 Long.Deg 138 Dec.Lat -30.6 StateProvince South  
Ausralia

Lat.Min -36 Long.Min 30 Dec.Long 138.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U.Proterozoic Ma 630 Unit Umberatama Grp.

HostRocks Siltstone, breccia, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 261 Cont AU NameDeposit Blinman

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -31 Long.Deg 138 Dec.Lat -31.1 StateProvince South  
Australia

Lat.Min -06 Long.Min 45 Dec.Long 138.75

Lat.Sec Long.Sec GeolProv

OreMmt 4 CuGrade% 1.0 CoGrade% AgGradeppm

CuMmt .04

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit U. Callanna Grp.

HostRocks Dolomite and shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments In large breccia dome 6 by 12 km

Reference Solomon, M., Groves, D.I., and Jaques, A.L., 2000, The geology and origin of Australia's mineral deposits: Centre for Ore Deposit Research, University of Tasmania, 1002 p.

DepositID 262 Cont AU NameDeposit Mount Gunson

OtherNames

Includes Cattle Grid

Country Code AUSA Country Australia

Lat.Deg -31 Long.Deg 137 Dec.Lat -31.45 StateProvince South  
Australia

Lat.Min -27 Long.Min 15 Dec.Long 137.25  
Lat.Sec Long.Sec GeolProv 3957

OreMmt 5.5 CuGrade% 2.1 CoGrade% AgGradeppm 7.7  
CuMmt .1155

DepositType Reduced facies Cu

Age U. Proterozoic Ma 630 Unit Tapley Hill Fm., Whyalla Ss.

HostRocks Mudstone, sandstone, breccia

HangingwallBeds

FootwallRocks Red sandstone

Mineralogy Chalcocite, bornite

TraceMinerals Chalcopyrite, digenite, djurleite, pyrite

Comments Anomalous Pb, Zn, Co, As, Ni, Th. In Umberatana group between Sturtian  
and Marinoan tillites

Reference Maiden, K.J., Innes, A.H., King, M.J., Master, S., and Pettitt, I., 1984,  
Regional controls on the localization of stratabound copper deposits:  
Proterozoic examples from southern Africa and South Australia:  
Precambrian Research, V. 25, p. 99-118.

Knutson, Janice, Donnelly, T.H., and Tonkin, D.G., 1983, Geochemical  
constraints on the genesis of copper mineralization in the Mount Gunson  
area, South Australia: Economic Geology v. 78, p. 250-274

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global  
distribution of sediment-hosted stratiform copper deposits and  
occurrences:

G I I S f C d O Fil 2915b 256

DepositID 263 Cont AU NameDeposit Yadlamalka

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -31 Long.Deg 137 Dec.Lat -31.75 StateProvince South  
Australia

Lat.Min -45 Long.Min 18 Dec.Long 137.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 630 Unit

HostRocks Arkose

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite, chalcocite

TraceMinerals

Comments

Reference Rowlands, N.L., 1974, The Geology of some Adlaidean stratiform copper occurrences in Bartholomé, Paul, ed. Gisements Stratiform et Provinces Cuprifère: Liège, Société Géologique de Belgique, p. 419-427.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 264 Cont AU NameDeposit Dutchmans

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -31 Long.Deg 137 Dec.Lat -31.75 StateProvince South  
Australia

Lat.Min -45 Long.Min 45 Dec.Long 137.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 630 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks Dolomite

Mineralogy Chalcopyrite, pyrite, chalcocite

TraceMinerals

Comments

Reference Rowlands, N.L., 1974, The Geology of some Adlaidean stratiform copper occurrences in Bartholomé, Paul, ed. Gisements Stratiform et Provinces Cuprifère: Liège, Société Géologique de Belgique, p. 419-427.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 265 Cont AU NameDeposit Myall Creek

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -32 Long.Deg 137 Dec.Lat -32.25 StateProvince South  
Australia

Lat.Min -15 Long.Min 36 Dec.Long 137.6

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 630 Unit Taply Hill Fm.

HostRocks Carbonaceous dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 266 Cont AU NameDeposit Red Hill

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -32 Long.Deg 138 Dec.Lat -32.3333333 StateProvince South  
Ausralia

Lat.Min -20 Long.Min 45 Dec.Long 138.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U.Proterozoic Ma 630 Unit

HostRocks Siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 267 Cont AU NameDeposit Kanyaka

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -32 Long.Deg 138 Dec.Lat -32.4166667 StateProvince South  
Ausralia

Lat.Min -25 Long.Min 18 Dec.Long 138.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U.Proterozoic Ma 630 Unit

HostRocks Siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 268 Cont AU NameDeposit Prince Alfred

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -32 Long.Deg 138 Dec.Lat -32.4166667 StateProvince South  
Ausralia

Lat.Min -25 Long.Min 34 Dec.Long 138.566667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U.Proterozoic Ma 630 Unit

HostRocks Siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 269 Cont AU NameDeposit Burra

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -33 Long.Deg 138 Dec.Lat -33.6666667 StateProvince South  
Australia

Lat.Min -40 Long.Min 50 Dec.Long 138.833333

Lat.Sec Long.Sec GeolProv

OreMmt 3.55 CuGrade% 3.0 CoGrade% AgGradeppm

CuMmt .1065

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit Skillogalee Dolomite

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Solomon, M., Groves, D.I., and Jaques, A.L., 2000, The geology and origin of Australia's mineral deposits: Centre for Ore Deposit Research, University of Tasmania, 1002 p.

DepositID 270 Cont AU NameDeposit Copper Claim

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -34 Long.Deg 138 Dec.Lat -34 StateProvince South  
Australia

Lat.Min 00 Long.Min 15 Dec.Long 138.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 630 Unit U. Callanna Grp.

HostRocks Carbonaceous dolomite, siltstone, arkose, chert

HangingwallBeds siltstone, tuffaceous siltstone

FootwallRocks

Mineralogy Pyrite, chalcopyrite. Dolomite, magnesite, sericite, chlorite

TraceMinerals Bornite, native copper, marcasite, pyrrhotite, mackinawite

Comments

Reference Solomon, M., Groves, D.I., and Jaques, A.L., 2000, The geology and origin of Australia's mineral deposits: Centre for Ore Deposit Research, University of Tasmania, 1002 p.

DepositID 271 Cont AU NameDeposit Kanmantoo

OtherNames

Includes

Country Code AUSA Country Australia

Lat.Deg -35 Long.Deg 139 Dec.Lat -35.1 StateProvince South  
Australia

Lat.Min -06 Long.Min 00 Dec.Long 139

Lat.Sec Long.Sec GeolProv

OreMmt 12 CuGrade% 1 CoGrade% AgGradeppm

CuMmt .12

DepositType Uncl.

Age Cambrian Ma 530 Unit Brukunga Fm.

HostRocks Garnet andalusite schist, quartz-feldspar schist, quartz-mica

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite pyrrhotite, magnetite

TraceMinerals Pentlandite, cobaltite, bismuth, bismuthinite, cubanite, galena pyrite,  
gold silver

Comments Metamorphosed in Cambrian-Ordovician orogeny

Reference Verwoerd, P.J., and Cleghorn, J.H., 1975, Kanmantoo copper orebody *in*  
Knight, Cl., ed., Economic Geology of Australia and Papua New Guinea, v.  
1, Metals: Australian Institute of Mining and Metallurgy, Melbourne, p.  
560-567.

Lambert, I.B., Knutsen, J., Donnelly, T.H., and Etminan, H., 1986, The  
diverse styles of sediment-hosted copper deposits in Australia *in*  
Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and  
Vokes, F.M. Geology and Metallogeny of Copper Deposits, Proceedings 27th  
International Geological Congress, Moscow, 1984: Berlin,  
Springer-Verlag, p.

DepositID 272 Cont AU NameDeposit Gippsland

OtherNames

Includes

Country Code AUVT Country Australia

Lat.Deg -37 Long.Deg 147 Dec.Lat -37.75 StateProvince Victoria

Lat.Min -45 Long.Min 30 Dec.Long 147.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Devonian-Carboniferous Ma 360 Unit

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 273 Cont EU NameDeposit Repparfjord

OtherNames

Includes

Country Code NRWY Country Norway

Lat.Deg 70 Long.Deg 24 Dec.Lat 70.4333333 StateProvince

Lat.Min 26 Long.Min 13 Dec.Long 24.2166667

Lat.Sec Long.Sec GeolProv

OreMmt 3.06 CuGrade% 0.663 CoGrade% AgGradeppm 70

CuMmt .0202878

DepositType Redbed Cu

Age U. Proterozoic Ma 1000 Unit

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bjorlykke, A., Olerud, S., and Sandstad, J.S., 1985, Metallogeny of Finnmark, North Norway: Norges Geologiske Undersokelse, Bulletin 403, p.183-196.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 274 Cont EU NameDeposit Aitik

OtherNames

Includes

Country Code SWDN Country Sweden

Lat.Deg 67 Long.Deg 21 Dec.Lat 67.1166667 StateProvince

Lat.Min 07 Long.Min 00 Dec.Long 21

Lat.Sec Long.Sec GeolProv

OreMmt 1066 CuGrade% 0.4 CoGrade% AgGradeppm 0.3

CuMmt 4.264

DepositType Uncl.

Age Proterozoic Ma 1500 Unit

HostRocks Biotite schist, amphibolite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite, magnetite, pyrrhoyite. Barite, calcite, fluorite, scapolite

TraceMinerals

Comments Contains 0.3 g/mt Au. Aitik may be a Fe oxide Cu-Au deposit.

Reference Frietsch, R., 1984, The ore deposits of Sweden *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 25-38.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 275 Cont EU NameDeposit Stora Strand

OtherNames

Includes

Country Code SWDN Country Sweden

Lat.Deg 58 Long.Deg 12 Dec.Lat 58.9833333 StateProvince

Lat.Min 59 Long.Min 30 Dec.Long 12.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Proterozoic Ma 1200 Unit Dalsland Grp.

HostRocks Mica-chlorite schist, amphibolite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, galena sphalerite. Albite, chlorite, fluorite

TraceMinerals

Comments Contains 1 % Cu.

Reference Frietsch, R., 1984, The ore deposits of Sweden *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 25-38.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 276 Cont EU NameDeposit Burray Island

OtherNames

Includes

Country Code UKSC Country Scotland

Lat.Deg 58 Long.Deg -02 Dec.Lat 58.85 StateProvince Orkney Islands

Lat.Min 51 Long.Min -56 Dec.Long -2.93333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Devonian Ma 370 Unit Old Red Ss.

HostRocks Sandstone, algal dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu-Pb

Reference Muir, R.O., and Ridgway, J.M., 1075 Sulfide mineralisation of the continental Devonian sediments of Orkney (Scotland): Mineralium Deposita v. 10, p. 205-215.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 277 Cont EU NameDeposit Visingso

OtherNames

Includes

Country Code SWDN Country Sweden

Lat.Deg 58 Long.Deg 14 Dec.Lat 58.3833333 StateProvince

Lat.Min 23 Long.Min 30 Dec.Long 14.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Cambrian Ma 550 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Pyrite, chalcocite, chalcopyrite

TraceMinerals

Comments

Reference Frietsch, R., 1984, The ore deposits of Sweden *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 25-38.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 278 Cont EU NameDeposit Firth of Forth

OtherNames

Includes

Country Code UKSC Country Scotland

Lat.Deg 56 Long.Deg -03 Dec.Lat 56.0633333 StateProvince

Lat.Min 03 Long.Min -13 Dec.Long -3.225

Lat.Sec 48 Long.Sec -30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit Oil Shale Grp., Birdiehouse

HostRocks Algal limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Parnell, J., 1983, Stromatolite-hosted mineralisation in the Oil Shale Group, Scotland: Transactions of the Institution of Mining and Metallurgy (Section B) v. 92

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 279 Cont EU NameDeposit Drumshantie

OtherNames Gourock

Includes

Country Code UKSC Country Scotland

Lat.Deg 55 Long.Deg -04 Dec.Lat 55.9333333 StateProvince

Lat.Min 56 Long.Min -47 Dec.Long -4.78333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit Clyde Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, bornite

TraceMinerals

Comments Contains plant remains

Reference Dewey, H., 1925, Copper ores of Midlands, Wales, The Lake District and the Isle of Man: Special Report on the Mineral Resources of Great Britain, v. 30

Allen, P.M., 1980, Copper mineralization in Great Britain, *in*, European Copper Deposits: Society for Geology Applied to Mineral Deposits, Belgrade, Special Publication No. 1, P. 266-276

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 280 Cont EU NameDeposit Larkfield

OtherNames Gourock

Includes

Country Code UKSC Country Scotland

Lat.Deg 55 Long.Deg -04 Dec.Lat 55.8833333 StateProvince

Lat.Min 53 Long.Min -42 Dec.Long -4.7

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Carboniferous Ma 340 Unit Clyde Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments

Reference Stephenson, D., 1983, Baryte and copper mineralization in the Renfrewshire Hills, Central Scotland: Mineral Reconnaissance Programme, Institute of Geological Sciences, Report no. 67, 15 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 281 Cont EU NameDeposit Well 41/25A-1

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 54 Long.Deg 05 Dec.Lat 54.25 StateProvince North Sea

Lat.Min 15 Long.Min 30 Dec.Long 5.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Marl Slate (Kupferschiefer)

HostRocks Mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sample 51 from 5654 feet contains 750 ppm Cu, 340 Pb, 116 Zn, 1,650 V, 230 Co

Reference Haslam, H.W., 1982, The Marl Slate (Kupferschiefer) in the Southern North Sea Basin *in* Miscellaneous Investigations on Mineralisation in Sedimentary Rocks: Institute of geological Science, Mineral Reconnaissance Programme Report No. 52, 19 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 282 Cont EU NameDeposit Helgoland

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 54 Long.Deg 07 Dec.Lat 54.15 StateProvince

Lat.Min 09 Long.Min 52 Dec.Long 7.86666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 240 Unit Middle Bunter

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy malachite cuprite, native copper

TraceMinerals

Comments

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 283 Cont EU NameDeposit Well 48/12-2

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 53 Long.Deg 01 Dec.Lat 53.5166667 StateProvince North Sea

Lat.Min 31 Long.Min 17 Dec.Long 1.28333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Marl Slate (Kupferschiefer)

HostRocks Mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments One foot thick bed contains 7000 ppm Cu, base of Kupferschiefer

Reference Haslam, H.W., 1982, The Marl Slate (Kupferschiefer) in the Southern North Sea Basin *in* Miscellaneous Investigations on Mineralisation in Sedimentary Rocks: Institute of geological Science, Mineral Reconnaissance Programme Report No. 52, 19 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 284 Cont EU NameDeposit Well 49/20-1

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 53 Long.Deg 02 Dec.Lat 53.4 StateProvince North Sea

Lat.Min 24 Long.Min 54 Dec.Long 2.9

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Marl Slate (Kupferschiefer)

HostRocks Mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Three inch thick bed contains 3000 ppm Cu, 1500 ppm V, 7908 feet deep

Reference Haslam, H.W., 1982, The Marl Slate (Kupferschiefer) in the Southern North Sea Basin *in* Miscellaneous Investigations on Mineralisation in Sedimentary Rocks: Institute of geological Science, Mineral Reconnaissance Programme Report No. 52, 19 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 285 Cont EU NameDeposit Alderly Edge

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 53 Long.Deg -02 Dec.Lat 53.3 StateProvince Cheshire

Lat.Min 18 Long.Min -15 Dec.Long -2.25

Lat.Sec Long.Sec GeolProv

OreMmt 0.15 CuGrade% 2.1 CoGrade% AgGradeppm

CuMmt .00315

DepositType Reduced facies Cu

Age Triassic Ma 230 Unit Helsby Ss.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ixer, R.A., 1982, The primary mineralogy of the Alderly Edge deposit, Cheshire: Mineralogical Magazine, v. 46, P.485-492.

Bateson, J.H., 1982, Geochemical reconnaissance in the Cheshire Basin in Misc. Investigations on Mineralization in Sedimentary Rocks:Mineral Reconnaissance Programme, Institute of Geological Sciences, Report no. 52.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 286 Cont EU NameDeposit Mottram -St.Andews

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 53 Long.Deg -02 Dec.Lat 53.3 StateProvince Cheshire

Lat.Min 18 Long.Min -13 Dec.Long -2.2166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Keuper Fm.

HostRocks Gray sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, galena, pyromorphite, vanadinite, barite

TraceMinerals

Comments

Reference Bateson, J.H., 1982, Geochemical reconnaissance in the Cheshire Basin  
*in* Misc. Investigations on Mineralisation in Sedimentary Rocks: Mineral  
Reconnaissance Programme, Institute of Geological Sciences, Report no.  
52.

Lindgren, W. Mineral Deposits, 4th Edition: McGraw Hill, 930 p.

DepositID 288 Cont EU NameDeposit Ballyvergin

OtherNames

Includes

Country Code UKIR Country Ireland

Lat.Deg 52 Long.Deg -08 Dec.Lat 52.8833333 StateProvince

Lat.Min 53 Long.Min -55 Dec.Long -8.91666667

Lat.Sec Long.Sec GeolProv

OreMmt 0.136 CuGrade% 1 CoGrade% AgGradeppm 17.1

CuMmt .00136

DepositType Uncl.

Age L. Carboniferous Ma 340 Unit

HostRocks Limestone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Holland, C.H. 1981, A Geology of Ireland, Chapter 18, Economic Geology: Scottish Akademic Press, Edinburgh, 317 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 288 Cont EU NameDeposit Eardiston

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 52 Long.Deg -02 Dec.Lat 52.8333333 StateProvince Cheshire

Lat.Min 50 Long.Min -59 Dec.Long -2.98333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic Ma 230 Unit Keuper Fm.

HostRocks White sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments

Reference Bateson, J.H., 1982, Geochemical reconnaissance in the Cheshire Basin in Misc. Investigations on Mineralisation in Sedimentary Rocks:Mineral Reconnaissance Programme, Institute of Geological Sciences, Report no. 52.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 289 Cont EU NameDeposit Grinshill

OtherNames

Includes

Country Code UKEN Country England

StateProvince Cheshire

Lat.Deg 52 Long.Deg -02 Dec.Lat 52.75

Lat.Min 45 Long.Min -40 Dec.Long -2.66666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic Ma 230 Unit Keuper Fm.

HostRocks Gray sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments

Reference Bateson, J.H., 1982, Geochemical reconnaissance in the Cheshire Basin in Misc. Investigations on Mineralisation in Sedimentary Rocks:Mineral Reconnaissance Programme, Institute of Geological Sciences, Report no. 52.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 290 Cont EU NameDeposit Shore Hill

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 52 Long.Deg -02 Dec.Lat 52.75 StateProvince

Lat.Min 45 Long.Min -01 Dec.Long -2.01666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Triassic Ma 230 Unit Bunter Cgl.

HostRocks Gray sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, galena

TraceMinerals

Comments

Reference Dewey, H., 1925, Copper ores of Midlands, Wales, The Lake District and the Isle of Man: Special Report on the Mineral Resources of Great Britain, v. 30

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 291 Cont EU NameDeposit Ballymacarbry

OtherNames

Includes

Country Code UKIR Country Ireland

Lat.Deg 52 Long.Deg -07 Dec.Lat 52.2666667 StateProvince

Lat.Min 16 Long.Min -12 Dec.Long -7.2

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Devonian Ma 380 Unit Old Red Ss., Toe Head Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Emo, G.T., 1981, A review of mineralisation in the Old Red Sandstone and its significance to Irish exploration *in* Brown, A.G., ed., Mineral Exploration in Ireland, Progress and Developments, 1971-1981, p. 27-34.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 292 Cont EU NameDeposit Mallow

OtherNames

Includes

Country Code UKIR Country Ireland

Lat.Deg 52 Long.Deg -08 Dec.Lat 52.1166667 StateProvince

Lat.Min 07 Long.Min -39 Dec.Long -8.65

Lat.Sec Long.Sec GeolProv

OreMmt 3.6 CuGrade% 0.7 CoGrade% AgGradeppm 27.4

CuMmt .0252

DepositType Uncl.

Age L. Carboniferous Ma 340 Unit

HostRocks Limestone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Holland, C.H. 1981, A Geology of Ireland, Chapter 18, Economic Geology: Scottish Akademic Press, Edinburgh, 317 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 293 Cont EU NameDeposit Hahausen

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 10 Dec.Lat 51.9833333 StateProvince

Lat.Min 59 Long.Min 12 Dec.Long 10.2083333

Lat.Sec Long.Sec 30 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks shale

HangingwallBeds

FootwallRocks Conglomerate, sandstone

Mineralogy

TraceMinerals

Comments

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 294 Cont EU NameDeposit Wild Goat

OtherNames

Includes

Country Code UKIR Country Ireland

Lat.Deg 51 Long.Deg -09 Dec.Lat 51.8833333 StateProvince

Lat.Min 53 Long.Min -57 Dec.Long -9.95

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Devonian Ma 370 Unit West Cork Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks Mudstone

Mineralogy Malachite

TraceMinerals

Comments

Reference Snodin, S.R., The nature and origin of copp-rich sedimentary rocks in Southwest Cork, Ireland: IGS Symposium, Galway

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 295 Cont EU NameDeposit Osterode

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 10 Dec.Lat 51.7333333 StateProvince

Lat.Min 44 Long.Min 16 Dec.Long 10.2666667

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Calcareous clay

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 296 Cont EU NameDeposit Southwest Cork

OtherNames

Includes

Country Code UKIR Country Ireland

Lat.Deg 51 Long.Deg -08 Dec.Lat 51.6666667 StateProvince

Lat.Min 40 Long.Min -52 Dec.Long -8.8666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Devonian Ma 370 Unit West Cork Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Grade < 0.2% Cu

Reference Snodin, S.R., The nature and origin of copp-rich sedimentary rocks in Southwest Cork, Ireland: IGS Symposium, Galway

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 297 Cont EU NameDeposit Zary

OtherNames

Includes

Country Code PLND

Country Poland

Lat.Deg 51

Long.Deg 15

Dec.Lat 51.6416667

StateProvince

Lat.Min 38

Long.Min 05

Dec.Long 15.0916667

Lat.Sec 30

Long.Sec 30

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age L.Permian

Ma 270

Unit Rotliegendes

HostRocks Sandstone, coal, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Fore-Sudetin Monocline

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 299 Cont EU NameDeposit Mansfeld

OtherNames

Includes Sangerhausen

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 11 Dec.Lat 51.6 StateProvince

Lat.Min 36 Long.Min 28 Dec.Long 11.4666667

Lat.Sec Long.Sec GeolProv 4046

OreMmt 75 CuGrade% 2.9 CoGrade% AgGradeppm 150

CuMmt 2.175

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, neodigenite, covellite, idaite, bornite, chalcopyrite, galena, sphalerite

TraceMinerals Tennantite, arsenopyrite, enargite, stromeyerite, native silver, linnaeite millerite

Comments Thuringian Basin

Reference Vaughn, D.J., Sweeney, Diedel, G.F.R., and Haranczyk, C., 1989, The Kupferschiefer: An overview with an appraisal of the different types of mineralization: Economic Geology, v. 84, p. 1003-1027.

DepositID 299 Cont EU NameDeposit Spremberg

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 14 Dec.Lat 51.5833333 StateProvince

Lat.Min 35 Long.Min 22 Dec.Long 14.3666667

Lat.Sec Long.Sec GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Bituminous clay, marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Zn, Pb

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

Reh.H., 1984, Vue d'ensemble sur la métallogenie de la Republique Démocratique Allemande *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 237-256

Vaughn, D.J., Sweeney, Diedel, G.F.R., and Haranczyk, C., 1989, The Kupferschiefer: An overview with an appraisal of the different types of  
i l i t i E i G l 84 1003 1027

DepositID 300 Cont EU NameDeposit Sierozovice

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 15 Dec.Lat 51.55 StateProvince

Lat.Min 33 Long.Min 54 Dec.Long 15.9

Lat.Sec Long.Sec GeolProv 4033

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Limestone. sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentaton of a new genetic model: Canadian Journal of Earth Science, v. 24, p. 2016-2037.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 301 Cont EU NameDeposit Polkovice

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 16 Dec.Lat 51.4916667 StateProvince

Lat.Min 29 Long.Min 02 Dec.Long 16.0416667

Lat.Sec 30 Long.Sec 30 GeolProv 4033

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Limestone. sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, covellite, bornite, chalcopyrite, galena, sphalerite, hematite

TraceMinerals Native silver, gold, platinum, palladium, thucolite

Comments

Reference Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentaton of a new genetic model: Canadian Journal of Earth Science, v. 24, p. 2016-2037.

Vaughn, D.J., Sweeney, Dieder, G.F.R., and Haranczyk, C., 1989, The Kupferschiefer: An overview with an appraisal of the different types of mineralization: Economic Geology, v. 84, p. 1003-1027.

Kucha, H., and Przybylowicz, W., 1999, Noble metals in organic matter and clay-organic matrices, Kupferschiefer, Poland: Economic Geology, v. 94, p. 1137-1162.

DepositID 302 Cont EU NameDeposit Sangerhausen

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 11 Dec.Lat 51.49 StateProvince

Lat.Min 29 Long.Min 16 Dec.Long 11.28

Lat.Sec 24 Long.Sec 48 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Pb, Zn, Ag

Reference

Reh.H., 1984, Vue d'ensemble sur la métallogenie de la Republique  
Démocratique Allemande *in* Unesco, Explanatory Memoir of the  
Metallogenic map of Europe and Neighboring Countries, p. 237-256

Vaughn, D.J., Sweeney, Diedel, G.F.R., and Haranczyk, C., 1989, The  
Kupferschiefer: An overview with an appraisal of the different types of  
mineralization: *Economic Geology*, v. 84, p. 1003-1027.

DepositID 303 Cont EU NameDeposit Marsberg

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 08 Dec.Lat 51.4666667 StateProvince

Lat.Min 28 Long.Min 53 Dec.Long 8.8875

Lat.Sec 00 Long.Sec 15 GeolProv 4038

OreMmt 4 CuGrade% 1.5 CoGrade% AgGradeppm

CuMmt .06

DepositType Uncl.

Age U. Permian Ma 260 Unit Zechstein

HostRocks Marl, bituminous limestone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite, marcasite, tetrahedrite

TraceMinerals

Comments Fault-controlled chalcopyrite, pyrite, marcasite, tetrahedrite mineralization. Age of fault breccia is pre Zechstien

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 304 Cont EU NameDeposit Leitmar

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 08 Dec.Lat 51.4 StateProvince

Lat.Min 24 Long.Min 51 Dec.Long 8.85

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Clay

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 30 cm. seam of copper clay

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 305 Cont EU NameDeposit Udersleben

OtherNames

Includes Heldrungen

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 10 Dec.Lat 51.4 StateProvince

Lat.Min 24 Long.Min 15 Dec.Long 10.2566667

Lat.Sec 00 Long.Sec 24 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Reh.H., 1984, Vue d'ensemble sur la métallogenie de la Republique  
Démocratique Allemande *in* Unesco, Explanatory Memoir of the  
Metallogenic map of Europe and Neighboring Countries, p. 237-256

DepositID 306 Cont EU NameDeposit Lubin

OtherNames

Includes Rudna

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 16 Dec.Lat 51.4 StateProvince

Lat.Min 24 Long.Min 08 Dec.Long 16.1333333

Lat.Sec Long.Sec GeolProv 4033

OreMmt 2600 CuGrade% 2 CoGrade% AgGradeppm 30

CuMmt 52

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Shale, siltstone, sandstone

HangingwallBeds Limestone

FootwallRocks Sandstone

Mineralogy Chalcocite, covellite, bornite, chalcopyrite, galena, sphalerite, hematite

TraceMinerals Native silver, gold, platinum, palladium, thucolite

Comments major ore zone is in white sandstone

Reference Large, D.J., and Small, J.S., 2000, Diffusion and reaction-controlled Cu-Pb-Zn ore mineral precipitation in a reducing system: a model applied to the pattern of ore mineral precipitation in the Kupferschiefer and other black shales: Economic Geology, v. 95, p.577-586

Kucha, H., and Przybylowicz, W., 1999, Noble metals in organic matter and clay-organic matrices, Kupferschiefer, Poland: Economic Geology, v. 94, p. 1137-1162.

Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentation of a new genetic model: Canadian Journal of Earth

Sci 24 2016 2037

DepositID 307 Cont EU NameDeposit Malomice

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 16 Dec.Lat 51.3833333 StateProvince

Lat.Min 23 Long.Min 11 Dec.Long 16.1833333

Lat.Sec Long.Sec GeolProv 4033

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Limestone. sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Fore-Sudetin Monocline

Reference Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentaton of a new genetic model: Canadian Journal of Earth Science, v. 24, p. 2016-2037.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 308 Cont EU NameDeposit Witzenhausen

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 09 Dec.Lat 51.3333333 StateProvince

Lat.Min 20 Long.Min 52 Dec.Long 9.8666667

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Calcareous clay

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 309 Cont EU NameDeposit Lubichow

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 15 Dec.Lat 51.275 StateProvince

Lat.Min 16 Long.Min 34 Dec.Long 15.5666667

Lat.Sec 30 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Bituminous marly shale, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments North Sudetic Syncline

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 310 Cont EU NameDeposit Konrad

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 13 Dec.Lat 51.25 StateProvince

Lat.Min 15 Long.Min 43 Dec.Long 13.716667

Lat.Sec Long.Sec GeolProv 4033

OreMmt 182.5 CuGrade% 0.7 CoGrade% AgGradeppm

CuMmt 1.2775

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Shale, siltstone

HangingwallBeds Limestone

FootwallRocks Sandstone

Mineralogy Chalcocite, covellite, bornite, chalcopyrite, galena, sphalerite, hematite

TraceMinerals

Comments

Reference Large, D.J., and Small, J.S., 2000, Diffusion and reaction-controlled Cu-Pb-Zn ore mineral precipitation in a reducing system: a model applied to the pattern of ore mineral precipitation in the Kupferschiefer and other black shales: Economic Geology, v. 95, p.577-586

Kucha, H., and Przybylowicz, W., 1999, Noble metals in organic matter and clay-organic matrices, Kupferschiefer, Poland: Economic Geology, v. 94, p. 1137-1162.

Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentation of a new genetic model: Canadian Journal of Earth

Sci 24 2016 2037

DepositID 311 Cont EU NameDeposit Korbach

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 08 Dec.Lat 51.2166667 StateProvince

Lat.Min 13 Long.Min 47 Dec.Long 8.78333333

Lat.Sec Long.Sec GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Marl, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 12-15 layers. Up to 4% Cu

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 312 Cont EU NameDeposit Lena

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 15 Dec.Lat 51.1083333 StateProvince

Lat.Min 06 Long.Min 49 Dec.Long 15.8166667

Lat.Sec 30 Long.Sec GeolProv 4033

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Marl, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Fore-Sudetin Monocline

Reference Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentaton of a new genetic model: Canadian Journal of Earth Science, v. 24, p. 2016-2037.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 313 Cont EU NameDeposit Nowy Kosciol

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 51 Long.Deg 15 Dec.Lat 51.1 StateProvince

Lat.Min 06 Long.Min 54 Dec.Long 15.9

Lat.Sec Long.Sec GeolProv 4033

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Limestone. sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Fore-Sudetin Monocline

Reference Jowett, E.C., Rydzewski, A., and Jowett, R.J., 1986, The Kupferschiefer Cu-Ag deposits in Poland: a re-appraisal of the evidence of their origin and presentaton of a new genetic model: Canadian Journal of Earth Science, v. 24, p. 2016-2037.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 314 Cont EU NameDeposit Geismar

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 51 Long.Deg 08 Dec.Lat 51.0833333 StateProvince

Lat.Min 05 Long.Min 52 Dec.Long 8.8666667

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Calcareous clay

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, chalcopyrite, tetrahedrite, pyrargyrite, native silver

TraceMinerals

Comments 1-2 m thick, 1.0 % Cu, 11 g/mt Ag

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 315 Cont EU NameDeposit Richelsdorf

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 50 Long.Deg 09 Dec.Lat 50.9833333 StateProvince

Lat.Min 59 Long.Min 54 Dec.Long 9.9

Lat.Sec Long.Sec GeolProv 4039

OreMmt 42 CuGrade% 0.99 CoGrade% AgGradeppm 25  
CuMmt .4158

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Sandstone and slate

HangingwallBeds Slate

FootwallRocks Gray sandstone

Mineralogy Bornite, chalcocite, chalcopyrite, pyrite, galena, sphalerite, barite

TraceMinerals Marcasite, tennantite, löllingite

Comments Cobalt minerals recovered.

Reference Schmidt, F.P., Schumacher, C., Spieth, V., and Friedrich, G. 1986, Results of recent exploration for copper-silver deposits in the Kupferschiefer of West Germany *in* Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M. *Geology and Metallogeny of Copper Deposits*, Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 573-582.

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., *Mineral deposits of Europe*, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

V h D J S Di d I G F R H k C 1989 Th

DepositID 316 Cont EU NameDeposit Schweina

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 50 Long.Deg 10 Dec.Lat 50.83 StateProvince

Lat.Min 49 Long.Min 18 Dec.Long 10.3

Lat.Sec 48 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Ag 50.83/10.3

Reference

Reh.H., 1984, Vue d'ensemble sur la métallogenie de la Republique  
Démocratique Allemande *in* Unesco, Explanatory Memoir of the  
Metallogenic map of Europe and Neighboring Countries, p. 237-256

DepositID 317 Cont EU NameDeposit Ilmenau

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 50 Long.Deg 10 Dec.Lat 50.7 StateProvince

Lat.Min 42 Long.Min 53 Dec.Long 10.89

Lat.Sec 00 Long.Sec 24 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Bituminous clay, marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Ag

Reference

Reh.H., 1984, Vue d'ensemble sur la métallogenie de la Republique  
Démocratique Allemande *in* Unesco, Explanatory Memoir of the  
Metallogenic map of Europe and Neighboring Countries, p. 237-256

DepositID 318 Cont EU NameDeposit Kostalov

OtherNames

Includes

Country Code CZEC Country Czech Republic

StateProvince Bohemia

Lat.Deg 50 Long.Deg 15 Dec.Lat 50.6166667

Lat.Min 37 Long.Min 40 Dec.Long 15.6666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 280 Unit

HostRocks Siltstone

HangingwallBeds Conglomerate

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains V

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 320 Cont EU NameDeposit Okrzeszyn

OtherNames

Includes

Country Code PLND Country Poland

Lat.Deg 50 Long.Deg 16 Dec.Lat 50.5541667 StateProvince

Lat.Min 33 Long.Min 30 Dec.Long 16.5

Lat.Sec 15 Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L.Permian Ma 270 Unit Rotliegendes

HostRocks Sandstone, coal, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 320 Cont EU NameDeposit Horni Vernerovice

OtherNames Wernersdorf

Includes

Country Code CZEC Country Czech Republic

StateProvince Bohemia

Lat.Deg 50 Long.Deg 16 Dec.Lat 50.5666667

Lat.Min 34 Long.Min 10 Dec.Long 16.1666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit

HostRocks Claystone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 321 Cont EU NameDeposit Dolembreux

OtherNames

Includes

Country Code BLGM Country Belgium

Lat.Deg 50 Long.Deg 5 Dec.Lat 50.5333333 StateProvince

Lat.Min 32 Long.Min 37 Dec.Long 5.6166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age M. Devonian Ma 385 Unit Groeden Ss.

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Pb, Zn, Ba, F

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 322 Cont EU NameDeposit Exmouth

OtherNames

Includes

Country Code UKEN Country England

Lat.Deg 50 Long.Deg -03 Dec.Lat 50.5166667 StateProvince

Lat.Min 31 Long.Min -30 Dec.Long -3.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Permian Ma 260 Unit New Red Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, galena

TraceMinerals

Comments Contains U

Reference Dewey, H., 1925, Copper ores of Midlands, Wales, The Lake District and the Isle of Man: Special Report on the Mineral Resources of Great Britain, v. 30

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 323 Cont EU NameDeposit Horni Kalna

OtherNames Wernersdorf

Includes

Country Code CZEC Country Czech Republic

StateProvince Bohemia

Lat.Deg 50 Long.Deg 15 Dec.Lat 50.4666667

Lat.Min 28 Long.Min 32 Dec.Long 15.5333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit

HostRocks Clay, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains U and V

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 324 Cont EU NameDeposit Rouveroy

OtherNames

Includes

Country Code BLGM Country Belgium

Lat.Deg 50 Long.Deg 4 Dec.Lat 50.3666667 StateProvince

Lat.Min 22 Long.Min 4 Dec.Long 4.0666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Devonian Ma 400 Unit Bournot Fm.

HostRocks Shale, sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 325 Cont EU NameDeposit Huttengesass

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 50 Long.Deg 09 Dec.Lat 50.25 StateProvince

Lat.Min 15 Long.Min 10 Dec.Long 9.16666667

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Calcareous clay

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 326 Cont EU NameDeposit Bieber

OtherNames

Includes

Country Code GRMY Country Germany

Lat.Deg 50 Long.Deg 09 Dec.Lat 50.1666667 StateProvince

Lat.Min 10 Long.Min 20 Dec.Long 9.33333333

Lat.Sec 00 Long.Sec 00 GeolProv 4038

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Zechstein

HostRocks Calcareous clay

HangingwallBeds

FootwallRocks

Mineralogy chalcopyrite, tetrahedrite, galena

TraceMinerals

Comments 2 m thick, 0.4 % Cu, 0.9 Pb, 40 g/mt Ag

Reference

Walther, H.W., 1986, Federal Republic of Germany in Dunning, F.W., and Evans, A.M., eds., Mineral deposits of Europe, v. 3, Central Europe: Institution of Mining and Metallurgy, The Mineralogical Society, p. 175-293.

DepositID 327 Cont EU NameDeposit Artemovsk Basin

OtherNames

Includes

Country Code UKRA Country Ukraine

Lat.Deg 48 Long.Deg 38 Dec.Lat 48.6 StateProvince

Lat.Min 36 Long.Min 02 Dec.Long 38.0333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Ma Unit

HostRocks Sandy clay

HangingwallBeds Limestone

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu grading upward to Pb Zn

Reference Strakhov, N.M., 1962, Principles of lithogenesis (Translated by Fitzimmons, J.P., edited by Tomkieff, S.I., and Hemingway, J.E.) New York, Plenum Publishing Corp. and Edinburgh, Oliver and Boyd, 577 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 328 Cont EU NameDeposit Sankovce

OtherNames

Includes

Country Code SLOV Country Slovak Republic

Lat.Deg 48 Long.Deg 20 Dec.Lat 48.5666667 StateProvince

Lat.Min 34 Long.Min 18 Dec.Long 20.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian-Triassic Ma 245 Unit

HostRocks Marl, schist, sandstone, gypsum, anhydrite

HangingwallBeds

FootwallRocks Evaporite

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 329 Cont EU NameDeposit Dnestr

OtherNames

Includes

Country Code UKRA Country Ukraine

Lat.Deg 48 Long.Deg 27 Dec.Lat 48.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 27

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Devonian Ma 400 Unit

HostRocks Sandstone, carbonaceous shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 330 Cont EU NameDeposit Bakhmut Basinn

OtherNames

Includes

Country Code UKRA Country Ukraine

Lat.Deg 48 Long.Deg 36 Dec.Lat 48.5 StateProvince

Lat.Min 30 Long.Min 00 Dec.Long 36

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Permian Ma 280 Unit Kartamysh Fm.

HostRocks Sandstone, siltstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kanana, Y.F., 1974, Association of copper-lead-zinc ore occurrences of the Lower Permian Bakhmut Basin with sulfide ore formation of the Nagolnyi Ridge in the Donets Basin: Lithology and Mineral Resources, Nov. 1974

Davidson, C.F., 1965, A possible mode of origin of stratabound copper ores: Economic Geology, v. 60, p. 942-954.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 331 Cont EU NameDeposit Donbass

OtherNames

Includes

Country Code UKRA Country Ukraine

Lat.Deg 48 Long.Deg 38 Dec.Lat 48.3666667 StateProvince

Lat.Min 22 Long.Min 07 Dec.Long 38.1166667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Permian Ma 280 Unit Kartamysh Fm.

HostRocks Sandstone, mudstone, silty carbonate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Strakhov, N.M., 1962, Principles of lithogenesis (Translated by Fitzimmons, J.P., edited by Tomkieff, S.I., and Hemingway, J.E.) New York, Plenum Publishing Corp. and Edinburgh, Oliver and Boyd, 577 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 332 Cont EU NameDeposit Darno-Hegy

OtherNames

Includes

Country Code HUNG Country Hungary

Lat.Deg 48 Long.Deg 21 Dec.Lat 48.3333333 StateProvince

Lat.Min 20 Long.Min 30 Dec.Long 21.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Mesozoic Ma 200 Unit

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 333 Cont EU NameDeposit Kal Mius

OtherNames Torets Basin

Includes

Country Code UKRA Country Ukraine

Lat.Deg 47 Long.Deg 37 Dec.Lat 47.5 StateProvince

Lat.Min 30 Long.Min 30 Dec.Long 37.5

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Permian Ma 280 Unit Kartamysh Fm.

HostRocks Argillite, siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bogdanov, Y.V., Bur'yanova, E.Z., and Kytyrev, E.I., 1973, Stratifitzirovannye mestotozhdenniya nedi SSSR (Strata-bound copper deposits of the USSR): Leningrad, Nedra Publishing House, 312 p. (in Russian)

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 334 Cont EU NameDeposit Murtschenalp

OtherNames

Includes

Country Code SWIS Country Switzerland

Lat.Deg 47 Long.Deg 09 Dec.Lat 47.0666667 StateProvince

Lat.Min 04 Long.Min 15 Dec.Long 9.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit

HostRocks Breccia, sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Jaffe, F.C., 1984, Metallogénie de la Suisse *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 25-38.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 335 Cont EU NameDeposit South Tyrol

OtherNames

Includes

Country Code ITLY Country Italy

Lat.Deg 46 Long.Deg 11 Dec.Lat 46.3833333 StateProvince

Lat.Min 23 Long.Min 26 Dec.Long 11.4333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age M. Permian Ma 260 Unit Groeden Ss.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Wopfner, H., Griesecke, S., Koch, J., and Fels,H., 1983, New aspects on Metal deposits of the Groeden Sandstone (South Tyrol, taly) *in* Schneider, H.J., ed., Mineral Deposits of the Alps and of the Alpine Epoch in Europe, Springer Verlag, p. 60-69.

DepositID 336 Cont EU NameDeposit Leysin

OtherNames

Includes

Country Code SWIS Country Switzerland

Lat.Deg 46 Long.Deg 07 Dec.Lat 46.35 StateProvince

Lat.Min 21 Long.Min 01 Dec.Long 7.01666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Paleocene Ma 60 Unit

HostRocks Marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Jaffe, F.C., 1984, Metallogénie de la Suisse *in* Unesco, Explanatory Memoir of the Metallogenic map of Europe and Neighboring Countries, p. 25-38.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 337 Cont EU NameDeposit Ubine

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 46 Long.Deg 06 Dec.Lat 46.3041667 StateProvince

Lat.Min 18 Long.Min 44 Dec.Long 6.73333333

Lat.Sec 15 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Paleocene Ma 60 Unit .

HostRocks Marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 338 Cont EU NameDeposit Le Biot

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 46 Long.Deg 06 Dec.Lat 46.25 StateProvince

Lat.Min 15 Long.Min 39 Dec.Long 6.65

Lat.Sec 00 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Paleocene Ma 60 Unit .

HostRocks Marl, limestone, calcareous sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 339 Cont EU NameDeposit Jambaz

OtherNames

Includes

Country Code FRNC

Country France

Lat.Deg 46

Long.Deg 06

Dec.Lat 46.2083333

StateProvince

Lat.Min 12

Long.Min 31

Dec.Long 6.5166667

Lat.Sec 30

Long.Sec 00

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Paleocene

Ma 60 Unit .

HostRocks Marl, limestone, calcareous sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 340 Cont EU NameDeposit La Riolle

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 46 Long.Deg 06 Dec.Lat 46.085 StateProvince

Lat.Min 05 Long.Min 32 Dec.Long 6.54166667

Lat.Sec 06 Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Paleocene Ma 60 Unit .

HostRocks Marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 341 Cont EU NameDeposit Skofje

OtherNames

Includes

Country Code SLVN Country Slovenia

Lat.Deg 45 Long.Deg 14 Dec.Lat 45.0833333 StateProvince

Lat.Min 05 Long.Min 15 Dec.Long 14.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Val Gardena Seq.

HostRocks Gray sandstone, siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Panonian Basin

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

Drovenik, M., 1980, Copper deposits in Permian Sandstone of Yugoslavia  
*in*  
European Copper Deposits: Belgrade, Society for Geology Applied to  
Mineral Deposits, Special Pub. No. 1, p. 261-264.

DepositID 342 Cont EU NameDeposit Pont des Roberts

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 44 Long.Deg 06 Dec.Lat 44.0666667 StateProvince

Lat.Min 04 Long.Min 51 Dec.Long 6.85833333

Lat.Sec 00 Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 245 Unit .

HostRocks Conglomerate

HangingwallBeds

FootwallRocks Permian

Mineralogy Chalcopyrite, bornite, pyrite, chalcocite, digenite

TraceMinerals Idaite, wittichenite

Comments

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70, 444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 343 Cont EU NameDeposit Bancairon

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 44 Long.Deg 06 Dec.Lat 44.0541667 StateProvince

Lat.Min 03 Long.Min 51 Dec.Long 6.86

Lat.Sec 15 Long.Sec 36 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 245 Unit .

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Tennantite, chalcopyrite, pyrite, luzonite,

TraceMinerals Germanite, renierite, briarite

Comments Overlies Permian beds

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70, 444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 344 Cont EU NameDeposit Giordannet

OtherNames

Includes Hubac de Jourdan Est

Country Code FRNC Country France

Lat.Deg 44 Long.Deg 06 Dec.Lat 44.0333333 StateProvince

Lat.Min 02 Long.Min 51 Dec.Long 6.85833333

Lat.Sec 00 Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Leouve Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, idaite, pyrite, enargite

TraceMinerals Digenite, covellite

Comments

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70, 444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 345 Cont EU NameDeposit Liouc

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 44 Long.Deg 06 Dec.Lat 44.0291667 StateProvince

Lat.Min 01 Long.Min 50 Dec.Long 6.83333333

Lat.Sec 45 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 245 Unit .

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Bornite, chalcocite, digenite, covellite

TraceMinerals U in organic material

Comments Overlies Permian beds

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70, 444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 346 Cont EU NameDeposit Cerisier

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 43 Long.Deg 06 Dec.Lat 43.9866667 StateProvince

Lat.Min 59 Long.Min 53 Dec.Long 6.89166667

Lat.Sec 12 Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 245 Unit .

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, digenite, covellite, bornite, chalcopyrite, pyrite, ,

TraceMinerals Luzonite, enagite, delafossite

Comments Overlies Permian beds

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70, 444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 347 Cont EU NameDeposit Lodeve

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 43 Long.Deg 03 Dec.Lat 43.7333333 StateProvince

Lat.Min 44 Long.Min 19 Dec.Long 3.3166667

Lat.Sec 00 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Triassic Ma 230 Unit .

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 348 Cont EU NameDeposit Suva Planina Mountain

OtherNames

Includes

Country Code YUGO Country Yugoslavia

StateProvince Serbia

Lat.Deg 43 Long.Deg 22 Dec.Lat 43.1666667

Lat.Min 10 Long.Min 15 Dec.Long 22.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit

HostRocks Arkose, siltstone

HangingwallBeds

FootwallRocks Redbeds

Mineralogy

TraceMinerals

Comments

Reference Droveni, M., 1983, Mineral deposits in Permian sandstone of Yugoslavia *in* European Copper Deposits: Society for Geology Applied to Mineral Deposits, Belgrade, Special Publication No. 1, P. 261-264

DepositID 349 Cont EU NameDeposit Cap Garonne

OtherNames

Includes

Country Code FRNC Country France

Lat.Deg 43 Long.Deg 06 Dec.Lat 43.0666667 StateProvince

Lat.Min 04 Long.Min 19 Dec.Long 6.3166667

Lat.Sec 00 Long.Sec 00 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Triassic Ma 245 Unit .

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Galena, sphalerite, tennantite, chalcopyrite, bornite, digenite,  
chalcocite covellite

TraceMinerals

Comments Overlies Permian beds

Reference Vinchon, C., 1984, Sédimentogénese et métallogénese du Permien du  
Dôme du Barrot (Alpes Maritimes France): Documents du B.R.G.M. No. 70,  
444 p.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global  
distribution of sediment-hosted stratiform copper deposits and  
occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 350 Cont EU NameDeposit Zaragoza

OtherNames

Includes

Country Code SPAN Country Spain

Lat.Deg 41 Long.Deg 00 Dec.Lat 41.5833333 StateProvince

Lat.Min 35 Long.Min -55 Dec.Long -.91666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Oligocene Ma 30 Unit Sos y Biel Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 351 Cont EU NameDeposit Menorca Island

OtherNames

Includes

Country Code SPAN Country Spain

Lat.Deg 39 Long.Deg 04 Dec.Lat 39.9833333 StateProvince

Lat.Min 59 Long.Min 05 Dec.Long 4.08333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L Triassic Ma 240 Unit

HostRocks Marl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 352 Cont EU NameDeposit Santomera

OtherNames

Includes

Country Code SPAN Country Spain

Lat.Deg 38 Long.Deg -01 Dec.Lat 38.05 StateProvince

Lat.Min 03 Long.Min -03 Dec.Long -1.05

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic Ma 260 Unit

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 353 Cont EU NameDeposit Granada

OtherNames

Includes

Country Code SPAN Country Spain

Lat.Deg 37 Long.Deg -01 Dec.Lat 37.5 StateProvince

Lat.Min 30 Long.Min -20 Dec.Long -1.33333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 260 Unit

HostRocks Marl, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 354 Cont ME NameDeposit Nasar

OtherNames

Includes

Country Code IRAN Country Iran

Lat.Deg 35 Long.Deg 59 Dec.Lat 35.5872222 StateProvince

Lat.Min 35 Long.Min 50 Dec.Long 59.8355556

Lat.Sec 14 Long.Sec 08 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Eocene Ma 40 Unit

HostRocks Tuffaceous sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 355 Cont ME NameDeposit Nuqeib

OtherNames

Includes

Country Code ISRL Country Israel

Lat.Deg 32 Long.Deg 35 Dec.Lat 32.75 StateProvince

Lat.Min 45 Long.Min 40 Dec.Long 35.6666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Neogene Ma 12 Unit Herod Fm.

HostRocks Conglomerate

HangingwallBeds Calcareous sandstone

FootwallRocks Calcareous sandstone

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 356 Cont ME NameDeposit Khanega

OtherNames

Includes

Country Code IRAN Country Iran

Lat.Deg 31 Long.Deg 51 Dec.Lat 31.0005556 StateProvince

Lat.Min 00 Long.Min 20 Dec.Long 51.335

Lat.Sec 02 Long.Sec 06 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Upper Cambrian Ma 520 Unit

HostRocks Limestone and dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bazin, D.,and Hubner, H., 1969, Copper deposits in Iran: Geological survey of Iran Geological Report 13, p. 93.

DepositID 357 Cont ME NameDeposit Fenan

OtherNames

Includes

Country Code JRDN Country Jordan

Lat.Deg 30 Long.Deg 35 Dec.Lat 30.6 StateProvince

Lat.Min 36 Long.Min 25 Dec.Long 35.4166667

Lat.Sec Long.Sec GeolProv

OreMmt 65 CuGrade% 1.2 CoGrade% AgGradeppm

CuMmt .78

DepositType Uncl.

Age L. Cambrian Ma 560 Unit

HostRocks Clay, siltstone

HangingwallBeds

FootwallRocks Arkose

Mineralogy Chrysocolla, malachite, azurite

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 358 Cont ME NameDeposit Abu Kashabia

OtherNames

Includes

Country Code JRDN Country Jordan

Lat.Deg 30 Long.Deg 35 Dec.Lat 30.4166667 StateProvince

Lat.Min 25 Long.Min 15 Dec.Long 35.25

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L.r Cambrian Ma 560 Unit

HostRocks Arkose

HangingwallBeds Clay, siltstone

FootwallRocks

Mineralogy Chrysocolla, malachite, azurite

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 359 Cont ME NameDeposit Chehel Kureh

OtherNames

Includes

Country Code IRAN Country Iran

Lat.Deg 30 Long.Deg 59 Dec.Lat 30.1833333 StateProvince

Lat.Min 11 Long.Min 59 Dec.Long 59.9986111

Lat.Sec Long.Sec 55 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Tertiary Ma 30 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Bazin, D.,and Hubner, H., 1969, Copper deposits in Iran: Geological survey of Iran Geological Report 13, p. 93.

DepositID 360 Cont ME NameDeposit Har Timna

OtherNames

Includes Har Mikhrot

Country Code ISRL Country Israel

Lat.Deg 29 Long.Deg 34 Dec.Lat 29.7833333 StateProvince

Lat.Min 47 Long.Min 58 Dec.Long 34.975

Lat.Sec Long.Sec 30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cambrian Ma 560 Unit Timna Fm.

HostRocks Sandstone and shale, phosphorite, Mn-rich shale

HangingwallBeds Dolomite

FootwallRocks

Mineralogy Chrysocolla, malachite, psuedomalachite, bisbeeite, pyrolusite, cryptomellane

TraceMinerals

Comments Mobilization of Cu in dolomite and redeposition in sandstone beds probably occurred in Miocene.

Reference Bar-Mathews, M., 1987, The genesis of uranium in manganese and phosphorite assemblages, Timna Basin, Israel: Geological Magazine, v. 124, no. 3, p. 211-229

Segev, A., and Sass, E., Copper-enriched syngenetic dolostones as source for epigenetic copper mineralization in sandstones and shales (Timna, Israel) in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 647-658

DepositID 361 Cont ME NameDeposit Timna

OtherNames

Includes

Country Code ISRL Country Israel

Lat.Deg 29 Long.Deg 34 Dec.Lat 29.7666667 StateProvince

Lat.Min 46 Long.Min 57 Dec.Long 34.95

Lat.Sec Long.Sec GeolProv

OreMmt 18.1 CuGrade% 1.6 CoGrade% AgGradeppm

CuMmt .2896

DepositType Uncl.

Age L. Cambrian Ma 560 Unit Timna Fm.

HostRocks Sandstone and shale, phosphorite, Mn-rich shale

HangingwallBeds Dolomite

FootwallRocks

Mineralogy

TraceMinerals

Comments Mobilization of Cu in dolomite and redeposition in sandstone beds probably occurred in Miocene. U-rich Mn nodules occur in phosphorite.

Reference Bar-Mathews, M., 1987, The genesis of uranium in manganese and phosphorite assemblages, Timna Basin, Israel: Geological Magazine, v. 124, no. 3, p. 211-229

Segev, A., and Sass, E., Copper-enriched syngenetic dolostones as source for epigenetic copper mineralization in sandstones and shales (Timna, Israel) in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 647-658

DepositID 362 Cont ME NameDeposit Hare Hakhlil

OtherNames

Includes

Country Code ISRL Country Israel

Lat.Deg 29 Long.Deg 34 Dec.Lat 29.7333333 StateProvince

Lat.Min 44 Long.Min 58 Dec.Long 34.9666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Cretaceous Ma 124 Unit Amir Fm.

HostRocks White kaolinitic sandstone

HangingwallBeds Dolomite

FootwallRocks

Mineralogy

TraceMinerals

Comments Mobilization of Cu in dolomite and redeposition in sandstone beds probably occurred in Miocene.

Reference Bar-Mathews, M., 1987, The genesis of uranium in manganese and phosphorite assemblages, Timna Basin, Israel: Geological Magazine, v. 124, no. 3, p. 211-229

Segev, A., and Sass, E., Copper-enriched syngenetic dolostones as source for epigenetic copper mineralization in sandstones and shales (Timna, Israel) in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 647-658

DepositID 363 Cont ME NameDeposit Kuhne Mes

OtherNames

Includes

Country Code IRAN Country Iran

Lat.Deg 29 Long.Deg 53 Dec.Lat 29.25 StateProvince

Lat.Min 15 Long.Min 45 Dec.Long 53.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Paleocene-Eocene Ma 55 Unit Sachun Fm.

HostRocks Sandstone, grit, conglomerate

HangingwallBeds Dolomite, gypsum

FootwallRocks Argillaceous dolomite

Mineralogy Brochantite, malachite, minium (Pb oxide), limonite, barite, gypsum, calcite

TraceMinerals

Comments Aincient mine

Reference Haynes, S.J., 1989, Kuhne Mes, southern Iran: a Tertiary Sabkha-hosted Cu-Pb deposit associated with active compressional tectonics *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 637-646

DepositID 364 Cont ME NameDeposit Jabal Murryyi

OtherNames

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 20 Long.Deg 41 Dec.Lat 20.1141667 StateProvince

Lat.Min 6 Long.Min 33 Dec.Long 41.5655556

Lat.Sec 51 Long.Sec 56 GeolProv 2101

OreMmt 0.35 CuGrade% 1.69 CoGrade% AgGradeppm 22.7

CuMmt .005915

DepositType Redbed Cu

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Feldspathic sandstone

HangingwallBeds Quartz sericite schist

FootwallRocks Quartz sericite schist

Mineralogy malachite chrysocolla, tennorite, and chalcocite

TraceMinerals

Comments

Reference Timothy Hayes, written commun., 2001

Worl, R., and Flanigan, V.J., 1976, The Jabal Murryyi copper prospect, Al Aqiq quadrangle, sheet 20-41D, Kingdom of Saudi Arabia: U.S. Geological Survey Saudi Arabian Project Report 212, 18 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 365 Cont ME NameDeposit Umm ar Rummf

OtherNames Um ar Rumpf

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 19 Long.Deg 41 Dec.Lat 19.1588889 StateProvince

Lat.Min 9 Long.Min 22 Dec.Long 41.38

Lat.Sec 32 Long.Sec 48 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Feldspathic, chloritic, ankeritic quartzite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, pyrite, sphalerite, galena. Chlorite, ankerite,

TraceMinerals

Comments 3 holes drilled in 1978-79. Intercepts: 4.2 m of 0.375% Cu and 20 g/t Ag; 6.25 m of 0.366% Cu and 11 g/t Ag. 640 m outcropped strike length

Reference Timothy Hayes, written commun., 2001

Mawad, M.M, 1982, Mineral Reconnaissance of the area between Wadi yiba and Wadi Qanunah, Kingdom of Saudi Arabia: Saudi Arabian Deputy Ministry for Mineral Resources Open-File Report USGS-OF-02-53, 26 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 366 Cont ME NameDeposit Wadi Yiba

OtherNames

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 19 Long.Deg 41 Dec.Lat 19.1561111 StateProvince

Lat.Min 9 Long.Min 48 Dec.Long 41.8158333

Lat.Sec 22 Long.Sec 57 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Albite-chlorite hornfels

HangingwallBeds Hematitic quartz-sericite-chlorite-ankerite schists

FootwallRocks Hematitic quartz-sericite-chlorite-ankerite schists

Mineralogy Malachite chrysocolla, and chalcocite

TraceMinerals bornite

Comments 1.2 km at thickness averaging 1.1 m; tested with 9 holes in 1968; best intercept was in dolomitic marble: true thickness 3.0 m @ 6.8% Cu and

Reference Timothy Hayes, written commun., 2001

Earhart, R.L., 1969, Report on exploration of the Wadi Yiba copper prospect, Tihamat Ash Sham Quadrangle, Kingdom of Saudi Arabia: U.S. Geological Survey Saudi Arabian Project Report 108, 42 p.

Davis, W.E., and Akhrass, M.N., 1967, Preliminary geophysical investigation of the Wadi Yiba copper prospect, Saudi Arabia: U.S. Geological Survey Saudi Arabian Project Technical Letter 96, 4 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 367 Cont ME NameDeposit Al Mehdadah

OtherNames

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 19 Long.Deg 41 Dec.Lat 19.1266667 StateProvince

Lat.Min 7 Long.Min 48 Dec.Long 41.81

Lat.Sec 36 Long.Sec 36 GeolProv

OreMmt 0.45 CuGrade% 1.1 CoGrade% AgGradeppm 7

CuMmt .00495

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks quartz-sericite-biotite-garnet schist

HangingwallBeds Hematitic quartz-sericite-chlorite-ankerite schists

FootwallRocks Hematitic quartz-sericite-chlorite-ankerite schists

Mineralogy Pyrite, pyrrhotite, chalcopyrite, sphalerite, magnetite.

TraceMinerals galena

Comments 6 diamond drillholes demonstrated 0.45 Mt at 1.1% Cu, 7 g/t Ag, and 0.6 g/t Au to a vertical depth of 100 m. Rock in excess of 1% Cu has strike

Reference Timothy Hayes, written commun., 2001

Sanders, R.N. 1983, Mineral potential of the Al Mehdadah prospect (19/41D): Saudi Arabian Deputy Ministry for Mineral Resources Open-File Report DGMR-OF-03-27, 32 p.

DepositID 368 Cont ME NameDeposit Al Munayzir

OtherNames Sharbon, Sarbon

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 41 Dec.Lat 18.9472222 StateProvince

Lat.Min 56 Long.Min 55 Dec.Long 41.9175

Lat.Sec 50 Long.Sec 3 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Feldspathic quartzite, cross-bedded

HangingwallBeds

FootwallRocks Quartz-sericite-chlorite schist

Mineralogy Malachite, chrysocolla

TraceMinerals Chalcocite

Comments 15 m strike length. 3 m true thickness at 0.33% Cu, 8 g/t Ag.

Reference Timothy Hayes, written commun., 2001

Parker, T.W.H., and Smith, G.H., 1980, An assessment of the stratiform copper potential of the Ablah Synform: Saudi Arabian Deputy Ministry for Mineral Resources Technical Record RF-TR-01-1, 47 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 369 Cont ME NameDeposit Jabal Sa'aban

OtherNames Sharbon, Sarbon

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 41 Dec.Lat 18.8780556 StateProvince

Lat.Min 52 Long.Min 56 Dec.Long 41.9436111

Lat.Sec 41 Long.Sec 37 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Quartz-biotite-garnet schist

HangingwallBeds

FootwallRocks Quartzite, biotite schist, amphibolitic schist

Mineralogy Pyrite, pyrrhotite, sphalerite, chalcopyrite

TraceMinerals

Comments 2 holes drilled. Best intercept was 2.54 m at 0.91% Cu and 6.05 g/t Ag underlain by 4.0 m at 2.52% Zn

Reference Timothy Hayes, written commun., 2001

Earhart, R.L., 1968, A preliminary investigation of a copper occurrence at Jabal Sarbon, Tihamat Ash Sham Quadrangle, Kingdom of Saudi Arabia: U.S. Geological Survey Saudi Arabian Project Technical Letter 102, 11 p.

Sanders, R.N., Tedder, I.J., Ford, C.R., and Circosta, G.B., 1980, Stratiform copper search in the southern Ablah graben. Unpublished Utah Saudi Arabia Report No. 331, 112 p.

Last, B.J., and Basahel, M., 1983, Jabal Sa'aban prospect; magnetic and VLF electromagnetic surveys: Saudi Arabian Deputy Ministry for Mineral Resources Open-File Report DGMR-OF-04-10, 20 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 370 Cont ME NameDeposit Wadi Baqarah

OtherNames RR Horizon, Wadi Hali

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 41 Dec.Lat 18.7811111 StateProvince

Lat.Min 46 Long.Min 57 Dec.Long 41.9577778

Lat.Sec 52 Long.Sec 28 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Metasandstone, crossbedded

HangingwallBeds

FootwallRocks

Mineralogy Malachite and copper pitch

TraceMinerals

Comments

Reference Timothy Hayes, written commun., 2001

Sanders, R.N., Tedder, I.J., Ford, C.R., and Circosta, G.B., 1980, Stratiform copper search in the southern Ablah graben: Unpublished Utah Saudi Arabia Report 331, 112 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 371 Cont ME NameDeposit South Wadi Baqarah

OtherNames GT Horizon, Wadi Hali

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 41 Dec.Lat 18.7394444 StateProvince

Lat.Min 44 Long.Min 58 Dec.Long 41.9711111

Lat.Sec 22 Long.Sec 16 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Dolomitic marble

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chalcocite

TraceMinerals

Comments Maximum thickness of bed about 1.2 m. Grade: typically 0.25% Cu.  
highest 1 m sample: 1.4% Cu

Reference Timothy Hayes, written commun., 2001

Sanders, R.N., Tedder, I.J., Ford, C.R., and Circosta, G.B., 1980, Stratiform copper search in the southern Ablah graben: Unpublished Utah Saudi Arabia Report 331, 112 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 372 Cont ME NameDeposit Wadi Raysh

OtherNames

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 42 Dec.Lat 18.6833333 StateProvince

Lat.Min 41 Long.Min Dec.Long 42

Lat.Sec Long.Sec GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Calcareous green chlorite-sericite schist , dolomitic marble.

HangingwallBeds

FootwallRocks

Mineralogy Malachite and chrysacolla

TraceMinerals Chalcocite

Comments best-mineralized layer only 10 cm thick and locally up to 8.4% Cu.

Reference Timothy Hayes, written commun., 2001

Parker, T.W.H., and Smith, G.H., 1980, An assessment of the stratiform copper potential of the Ablah Synform: Saudi Arabian Deputy Ministry for Mineral Resources Technical Record RF-TR-01-1, 47 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 373 Cont ME NameDeposit Wadi Shinika

OtherNames Jabal Sawdah

Includes

Country Code SAAR Country Saudi Arabia

Lat.Deg 18 Long.Deg 42 Dec.Lat 18.4588889 StateProvince

Lat.Min 27 Long.Min 01 Dec.Long 42.0186111

Lat.Sec 32 Long.Sec 07 GeolProv 2101

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 800 Unit Ablah Gr

HostRocks Dolomitic marble

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite, copper pitch

TraceMinerals

Comments Bottom 10 cm of bed: 6.5% Cu. Bed is typically 40 cm thick. Grade over 41 cm true thickness: 1.8% Cu, 10 g/t Ag.

Reference Timothy Hayes, written commun., 2001

Sanders, R.N., Tedder, I.J., Ford, C.R., and Circosta, G.B., 1980, Stratiform copper search in the southern Ablah graben: Unpublished Utah Saudi Arabia Report 331, 112 p.

Johnson, P.R. and Vranas, G.J., 1984, The geotectonic environment of Late Proterozoic mineralization in the southern Arabian Shield: Precambrian Research, v. 25, p. 329-348.

DepositID 375 Cont NA NameDeposit Ladderbjerg

OtherNames

Includes

Country Code GRLD Country Greenland

Lat.Deg 73 Long.Deg -22 Dec.Lat 73.4958333 StateProvince

Lat.Min 29 Long.Min -01 Dec.Long -22.0291667

Lat.Sec 45 Long.Sec -45 GeolProv 5201

OreMmt 2.5 CuGrade% 0.15 CoGrade% AgGradeppm

CuMmt .00375

DepositType Redbed Cu

Age Permian Ma 260 Unit Huledal Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Harpoth, O., Pederson, J.L., Schonwandt, H.K., and Thomasson, B., 1986, The mineral occurrences of central East Greenland: Meddeleser om Gronland, Geoscience, v. 17, 139 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 375 Cont NA NameDeposit Brodeur Peninsula

OtherNames

Includes

Country Code CNWT Country Canada

Lat.Deg 73 Long.Deg -86 Dec.Lat 73.8 StateProvince Northwest  
Territorie

Lat.Min 47 Long.Min 0 Dec.Long -86

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Middle Silurian (Niagaran) Ma 420 Unit Cape Crauford Formation,

HostRocks Breccias (microcrystalline dolomite and limest)

HangingwallBeds

FootwallRocks

Mineralogy Malachite, bitumin

TraceMinerals

Comments Breccias formed by solution of originally interlaminated evaporites

Reference Trettin, H.P., 1969, Lower Palaeozoic Sediments of North Western Baffin  
Island District of Franklin: Geological Survey of Canada, Bulletin 157, p.  
35-49.

DepositID 376 Cont NA NameDeposit Rubjerg Knude

OtherNames

Includes

Country Code GRLD Country Greenland

Lat.Deg 72 Long.Deg -23 Dec.Lat 72.6172222 StateProvince

Lat.Min 37 Long.Min -40 Dec.Long -23.6805556

Lat.Sec 02 Long.Sec -50 GeolProv 5201

OreMmt 5 CuGrade% 0.3 CoGrade% AgGradeppm

CuMmt .015

DepositType Redbed Cu

Age U. Permian Ma 260 Unit Huledal Fm.

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Cu, Ag, Pb, Zn

Reference Harpoth, O., Pederson, J.L., Schonwandt, H.K., and Thomasson, B., 1986, The mineral occurrences of central East Greenland: Meddeleser om Gronland, Geoscience, v. 17, 139 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 377 Cont NA NameDeposit Kent Peninsula-1

OtherNames

Includes

Country Code CNNT

Country Canada

Lat.Deg 68

Long.Deg -108

Dec.Lat

68.2

StateProvince Northwest  
Territorie

Lat.Min 12

Long.Min -10

Dec.Long

-108.183056

Lat.Sec 0

Long.Sec -59

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Proterozoic (Helikian)

Ma 1000 Unit Parry Bay Fm.

HostRocks Black mudstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Formation mainly made up of doloarenite, dolosiltite, stromatolitic dolomite

Reference Campbell, F.H., 1978, Geology of the Helikian Rocks of the Bathurst Inlet Area, Coronation Gulf, Northwest Territories: in Current Research, Part A, Geological Survey of Canada, Paper 78-1, p. 97-106.

DepositID 378 Cont NA NameDeposit Escape Rapids (esc 37, 38)

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 67 Long.Deg -115 Dec.Lat 67.5847222 StateProvince Northwest  
Territorie

Lat.Min 35 Long.Min -32 Dec.Long -115.549722

Lat.Sec 5 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic (hadrynian) Ma 800 Unit Rae Group, Coppermine River

HostRocks Grey glauconitic sandstone and black shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Rae Group overlies Coppermine River Group

Reference Kindle, E.D., 1972, Classification and description of copper deposits,  
Coppermine River Area, District of Mackenzie: Geological Survey of  
Canada, Bulletin 214, 109 p.

DepositID 379 Cont NA NameDeposit Bud 942-947

OtherNames

Includes

Country Code CNNT

Country Canada

Lat.Deg 67

Long.Deg -115

Dec.Lat 67.5347222

StateProvince Northwest  
Territorie

Lat.Min 32

Long.Min -53

Dec.Long -115.895556

Lat.Sec 5

Long.Sec -44

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic

Ma 1000 Unit Rae Group

HostRocks Sandst, qtzite, siltst, pebble conglom, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Baragar, W.R.A., and Donaldson, J.A., 1973, Coppermine and Dismal Lakes  
Map-Areas: Geological Survey of Canada, Paper 71-39, 20 p.

DepositID 380 Cont NA NameDeposit Dumas Lake

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 66 Long.Deg -116 Dec.Lat 66.4988889 StateProvince Northwest  
Territorie

Lat.Min 29 Long.Min -12 Dec.Long -116.2

Lat.Sec 56 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Lower Proterozoic Ma 1900 Unit Dumas Group

HostRocks Quartz wacke, maroon mudst, lithic wacke, conglom

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Host rocks represent lacustrine and fluvial red bed sequence. Hosted by 2 discrete sedimentary horizons in S and N limbs of anticline. Cu-Ag-Pb-U

Reference Gosse, M. and Sawiuk, M., 1986, Sediment-Hosted Stratabound Copper Mineralization in the Early Proterozoic Great Bear Magmatic Zone: Royal School of Mines Journal 1986, No. 36, p. 13-18.

DepositID 381 Cont NA NameDeposit Cc Lake

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 65 Long.Deg -118 Dec.Lat 65.4094444 StateProvince Northwest  
Territorie

Lat.Min 24 Long.Min -52 Dec.Long -118.876389

Lat.Sec 34 Long.Sec -35 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Paleozoic (Cambrian?) Ma 540 Unit Saline River Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, 1982, Noranda Company Officials personal communication .

DepositID 382 Cont NA NameDeposit Tawu Anticline

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 65 Long.Deg -131 Dec.Lat 65.3166667 StateProvince Northwest  
Territorie

Lat.Min 19 Long.Min -41 Dec.Long -131.699722

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic Ma 1000 Unit Tsezotene Formation

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite and azurite

TraceMinerals

Comments

Reference Aitken, J.D., Cook, D.G., and Yorath,C.J., 1982, Upper Ramparts River  
(106g) and Sans Sault Rapids (106h) Map Areas, District of Mackenzie:  
Geological Survey of Canada, Memoir 388, 48 p.

DepositID 383 Cont NA NameDeposit Hottah Lake (fns)

OtherNames

Includes

Country Code CNNT

Country Canada

Lat.Deg 64 Long.Deg -118 Dec.Lat 64.875 StateProvince Northwest  
Territorie

Lat.Min 52 Long.Min -34 Dec.Long -118.583056

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Paleozoic (Ordovician?) Ma 450 Unit

HostRocks Bituminous dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Numerous low-grade occurrences in area.

Reference Kidd, D.F., 1936, Rae To Great Bear Lake, Mackenzie District, N.W.T.:  
Geological Survey of Canada, Memoir 187, 44 p.

DepositID 384 Cont NA NameDeposit Gillespie Lake

OtherNames

Includes

Country Code CNYT

Country Canada

Lat.Deg 64

Long.Deg -133

Dec.Lat 64.7833333

StateProvince Yukon

Lat.Min 46

Long.Min -55

Dec.Long -133.930833

Territory

Lat.Sec 60

Long.Sec -51

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic

Ma 1000 Unit Gillespie Lake Group

HostRocks Dolosiltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn-Pb as coating on fracture surfaces intersecting laminated stromatolite

Reference Goodfellow, W.D., 1979, Geochemistry of copper lead and zinc mineralization in Proterozoic Rocks Near Gillespie Lake, Yukon: Geological Survey of Canada Paper 79-1a, p. 333-348.

DepositID 385 Cont NA NameDeposit Frank

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -128 Dec.Lat 63.8758333 StateProvince Northwest  
Territorie

Lat.Min 52 Long.Min -5 Dec.Long -128.096389

Lat.Sec 33 Long.Sec -47 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Coppercap Fm., Mackenzie

HostRocks Dolostone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone Copper Belt, Mackenzie Mountains, Nwt: in Precambrian Sulphide Deposits, Robinson Vol, Gac Special Paper 25,P 701.

DepositID 386 Cont NA NameDeposit June Creek

OtherNames Keele River

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.8216667 StateProvince Northwest  
Territorie

Lat.Min 49 Long.Min -58 Dec.Long -127.972222

Lat.Sec 18 Long.Sec -20 GeolProv 5246

OreMmt 0.25 CuGrade% 3.4 CoGrade% AgGradeppm  
CuMmt .0085

DepositType Reduced facies Cu

Age U. Proterozoic Ma 750 Unit Coppercap Fm.

HostRocks Algal dolostone

HangingwallBeds Cherty limestone

FootwallRocks Evaporite, stromatolitic dolomite, redbeds, mafic volcanics

Mineralogy Chalcopyrite.bornite, chalcocite, anhydrite

TraceMinerals

Comments

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone copper belt, Mackenzie Mountains, N.W.T. *in* Hutchinson, C.D., Spence, C.D., and Franklin, J.M., Precambrian sulfide deposits: Geological Association of Canada Special Paper 25, p. 701-737

DepositID 387 Cont NA NameDeposit Nite

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -128 Dec.Lat 63.8166667 StateProvince Northwest  
Territorie

Lat.Min 49 Long.Min -11 Dec.Long -128.199722

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1000 Unit Coppercap Fm., Mackenzie

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Seven zones over a 2000 ft stratigraphic interval. Cu-Ag

Reference Blusson, S.L., 1971, Sekwi Mountain Map-Area, Yukon Territory and  
District of Mackenzie: Geological Survey of Canada, Paper 71-22, 17 p.

DepositID 388 Cont NA NameDeposit Hutch East

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.8166667 StateProvince Northwest  
Territorie

Lat.Min 49 Long.Min -43 Dec.Long -127.716667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Coppercap Fm., Mackenzie

HostRocks Cryptalgal laminites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone Copper Belt, Mackenzie Mountains, Nwt: in Precambrian Sulphide Deposits, Robinson Vol, Gac Special Paper 25,P 701.

DepositID 389 Cont NA NameDeposit Fa gp-3, strat section bb 76-1

OtherNames

Includes Fa gp-2, strat section bb 76-1

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.7877778 StateProvince Northwest  
Territorie

Lat.Min 47 Long.Min -28 Dec.Long -127.466667

Lat.Sec 16 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Rapitan Fm. and little Dal

HostRocks Siltstone, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part li, 268 p.

DepositID 390 Cont NA NameDeposit Scholtes-2, 3, 4

OtherNames

Includes

Country Code CNNT

Country Canada

StateProvince Northwest  
Territorie

Lat.Deg 63

Long.Deg -127

Dec.Lat 63.775

Lat.Min 46

Long.Min -25

Dec.Long -127.433056

Lat.Sec 30

Long.Sec -59

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic

Ma 1200 Unit Coppercap Fm., Mackenzie

HostRocks Dolostone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Scholtes-2 is 0.7 mile NE and Scholtes-4 is 1.15 miles SE of Scholtes-3.

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone Copper Belt, Mackenzie Mountains, Nwt: in Precambrian Sulphide Deposits, Robinson Vol, Gac Special Paper 25,P 701.

DepositID 391 Cont NA NameDeposit Jay

OtherNames Keele River

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.7722222 StateProvince Northwest  
Territorie

Lat.Min 46 Long.Min -49 Dec.Long -127.829722

Lat.Sec 20 Long.Sec -47 GeolProv 5246

OreMmt 1.2 CuGrade% 2.7 CoGrade% AgGradeppm  
CuMmt .0324

DepositType Reduced facies Cu

Age U. Proterozoic Ma 750 Unit Coppercap Fm. Mackenzie

HostRocks Algal dolostone

HangingwallBeds Cherty limestone

FootwallRocks Evaporite, stromatolitic dolomite, redbeds, mafic volcanics

Mineralogy Chalcopyrite.bornite, chalcocite, anhydrite

TraceMinerals Pyrite

Comments

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone copper belt, Mackenzie Mountains, N.W.T. *in* Hutchinson, C.D., Spence, C.D., and Franklin, J.M., Precambrian sulfide deposits: Geological Association of Canada Special Paper 25, p. 701-737.

Eisbacher, G.H., 1977, Tectono-Stratigraphic Framework of the Redstone Copper Belt District of Mackenzie: *in* Report of Activities, Part A, Geological Survey of Canada, Paper 77-1a, p. 229-234.

DepositID 392 Cont NA NameDeposit Lisa

OtherNames Keele River

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.7222222 StateProvince Northwest  
Territorie

Lat.Min 43 Long.Min -18 Dec.Long -127.303056

Lat.Sec 20 Long.Sec -11 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Coppercap Fm., Mackenzie

HostRocks Cryptalgal laminites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu sulphides occur as diagenetic replacements of anhydrite nodules

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone Copper Belt, Mackenzie Mountains, Nwt: in Precambrian Sulphide Deposits, Robinson Vol, Gac Special Paper 25,P 701.

DepositID 393 Cont NA NameDeposit Lucky Joe

OtherNames

Includes

Country Code CNYT Country Canada

Lat.Deg 63 Long.Deg -139 Dec.Lat 63.5833333 StateProvince Yukon Territory

Lat.Min 34 Long.Min -30 Dec.Long -139.5

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Cambrian to middle Ma 480 Unit Nasina facies, Yukon

HostRocks Quartz-muscovite and biotite schists

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Mo occurrences in very deformed and tectonically complex area.

Reference Morin, J.A., 1977, / Department of Indian and Northern Affairs, North of 60, Mineral Industry Report 1976, Egs 1977-1.

DepositID 394 Cont NA NameDeposit Hayhook

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.4694444 StateProvince Northwest  
Territorie

Lat.Min 28 Long.Min -4 Dec.Long -127.068333

Lat.Sec 10 Long.Sec -6 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1000 Unit Redstone River Fm.,

HostRocks Cryptalgal laminites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Jefferson, C.W., 1978, Stratigraphy and sedimentology Upper Proterozoic Redstone Copper Belt-A Preliminary Report: Department of Indian and Northern Affairs, North of 60, Mineral Industry Report 1975 (Egs 1978-5).

DepositID 395 Cont NA NameDeposit Cap Mountain

OtherNames

Includes

Country Code CNNT

Country Canada

StateProvince Northwest  
Territorie

Lat.Deg 63

Long.Deg -123

Dec.Lat 63.4222222

Lat.Min 25

Long.Min -13

Dec.Long -123.224722

Lat.Sec 20

Long.Sec -29

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Upper Proterozoic (Helikian?) Ma 1400 Unit

HostRocks Ss, dolomitic siltstone, hematitic mudstones

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments Malachite-from 1200 ft below map unit 1 to 650 ft above base map unit 3. Traces of Cu mineralization occur throughout 3500-foot thick section.

Reference Douglas, R.J., 1963, Dahadinni and Wrigley Map-Areas, District of Mackenzie, Northwest Territories: Geological Survey of Canada, Paper 62-33, 34 p.

DepositID 396 Cont NA NameDeposit 18 miles nw of Dal Lake

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -127 Dec.Lat 63.2638889 StateProvince Northwest  
Territorie

Lat.Min 15 Long.Min -2 Dec.Long -127.046944

Lat.Sec 50 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1000 Unit Rapitan Fm., little Dal Fm.

HostRocks Siltstone, slate, conglomerate, limestone, dlmt

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments This location is the ctr of a mineralized zone trending ne for 5 miles

Reference , 1975, Copper Mineralization in Redstone River Area, Northwest  
Territories: Geological Survey of Canada Open-File 298.

DepositID 397 Cont NA NameDeposit Ut Group-1

OtherNames

Includes

Country Code CNNT

Country Canada

StateProvince Northwest  
Territorie

Lat.Deg 63

Long.Deg -127

Dec.Lat 63.2494444

Lat.Min 14

Long.Min -1

Dec.Long -127.026111

Lat.Sec 58

Long.Sec -34

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic

Ma 1200 Unit Rapitan Fm., little Dal Fm.

HostRocks Siltstone, slate, conglomerate, limestone, dlmt

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey of Canada, Memoir 366, Part I, 153 p. and Part li, 268 p.

DepositID 398 Cont NA NameDeposit Sh Group-5

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -126 Dec.Lat 63.1208333 StateProvince Northwest  
Territorie

Lat.Min 7 Long.Min -52 Dec.Long -126.866667

Lat.Sec 15 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Ropian Fm., little Dal Fm.

HostRocks Siltstone, slate, conglomerate, limestone, dlmt

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part li, 268 p.

DepositID 399 Cont NA NameDeposit Sh Group-3

OtherNames

Includes Jasper Valley, Sh Group-4

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -126 Dec.Lat 63.1 StateProvince Northwest  
Territorie

Lat.Min 6 Long.Min -53 Dec.Long -126.891389

Lat.Sec 0 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1200 Unit Rapitan Fm., little Dal Fm.

HostRocks Siltstone, slate, conglomerate, limestone, dolom

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part li, 268 p.

DepositID 400 Cont NA NameDeposit Reg (central Redstone)

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 63 Long.Deg -126 Dec.Lat 63.05 StateProvince Northwest  
Territorie

Lat.Min 2 Long.Min -46 Dec.Long -126.766667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Upper Proterozoic Ma 1000 Unit Rapitan Fm.

HostRocks Siltstone, mudstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Elsewhere on claim Group secondary Cu occurs in dolomite talus.

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part II, 268 p.

DepositID 401 Cont NA NameDeposit Extension (kvale)  
OtherNames  
Includes  
Country Code CNNT Country Canada  
Lat.Deg 62 Long.Deg -126 Dec.Lat 62.8916667 StateProvince Northwest  
Territorie  
Lat.Min 53 Long.Min -36 Dec.Long -126.605278  
Lat.Sec 30 Long.Sec -19 GeolProv  
OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt  
DepositType Reduced facies Cu  
Age Upper Proterozoic Ma 1000 Unit Redstone River Fm.,  
HostRocks Siltstone  
HangingwallBeds  
FootwallRocks  
Mineralogy  
TraceMinerals  
Comments Cu-Ag  
Reference Anon, 1962, Redstone Mines Ltd. Map No. 95-L-15 Central Permit Area,  
Department of Indian Affairs and Northern Development, Assessment  
Reports.

DepositID 402 Cont NA NameDeposit Coates Lake

OtherNames Redstone

Includes

Country Code CNNT Country Canada

Lat.Deg 62 Long.Deg -126 Dec.Lat 62.6941667 StateProvince Northwest Territorie

Lat.Min 41 Long.Min -37 Dec.Long -126.62

Lat.Sec 39 Long.Sec -12 GeolProv 5246

OreMmt 37 CuGrade% 3.9 CoGrade% AgGradeppm 11.3

CuMmt 1.443

DepositType Reduced facies Cu

Age U. Proterozoic Ma 750 Unit Coppercap FM.

HostRocks Algal laminated dolomite, fine sandstone, siltstone

HangingwallBeds Cherty limestone

FootwallRocks Evaporite, stromatolitic dolomite, redbeds, mafic volcanics

Mineralogy Chalcocite, bornite, chalcopyrite, anhydrite,pyrite

TraceMinerals Covellite, galena, tennantite

Comments Sabkha, mud flat, and restricted basin facies

Reference Ruelle, J.C.L., 1982, Depositional environments and genesis of stratiform copper deposits of the Redstone Copper Belt, Mackenzie Mountains, N.W.T. *in* Hutchinson, C.D., Spence, C.D., and Franklin, J.M., Precambrian sulfide deposits: Geological Association of Canada Special Paper 25, p. 701-737

Lustwerl, R.L. and Wasserman, M.D.. 1989, Water escape structures in the Coates Lake Group, Nortwest Territories, Canada and their relationship to mineralization at the Redstone stratiform copper deposit *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36, p. 207-224

DepositID 403 Cont NA NameDeposit Thundercloud Creek

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 62 Long.Deg -126 Dec.Lat 62.6680556 StateProvince Northwest  
Territorie

Lat.Min 40 Long.Min -37 Dec.Long -126.633056

Lat.Sec 5 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Upper Proterozoic Ma 1000 Unit Redstone River Fm.

HostRocks Pink slaty siltstone, minor shale, gypsum

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part II, 268 p.

DepositID 404 Cont NA NameDeposit Y-12

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 62 Long.Deg -98 Dec.Lat 62.5694444 StateProvince Northwest  
Territorie

Lat.Min 34 Long.Min -48 Dec.Long -98.8061111

Lat.Sec 10 Long.Sec -22 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Proterozoic (Aphebian) Ma 2000 Unit Kazan Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, 1982, Noranda Company officials personal communication .

DepositID 405 Cont NA NameDeposit Thundercloud Range

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 62 Long.Deg -126 Dec.Lat 62.5130556 StateProvince Northwest  
Territorie

Lat.Min 30 Long.Min -12 Dec.Long -126.211944

Lat.Sec 47 Long.Sec -43 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Upper Proterozoic Ma 1000 Unit Rapitan Group, Whittaker

HostRocks Mudstone, siltstone, conglom, ss, dolomite, limest

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu likely associated with Rapitan Group, Whittaker Fm.,  
Ordovician-Silurian Age

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake  
Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey  
of Canada, Memoir 366, Part I, 153 p. and Part li, 268 p.

DepositID 406 Cont NA NameDeposit Stark Lake-Wilson Lake

OtherNames

Includes

Country Code CNNT Country Canada

Lat.Deg 62 Long.Deg -110 Dec.Lat 62.4666667 StateProvince Northwest  
Territorie

Lat.Min 28 Long.Min -9 Dec.Long -110.158056

Lat.Sec 0 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Stark Fm., Great Slave Group

HostRocks Light grey dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Approx 12 zones, zones up to 100 ft long and 10 ft wide along a strike  
length of 1200 ft

Reference Mcglynn, J.C., 1971, Metallic Mineral Industry, District of Mackenzie,  
Northwest Territories: Geological Survey of Canada, Paper 70-17, 194 p.

DepositID 407 Cont NA NameDeposit Flat River

OtherNames

Includes

Country Code CNYT Country Canada

Lat.Deg 61 Long.Deg -127 Dec.Lat 61.2666667 StateProvince Yukon Territory

Lat.Min 16 Long.Min -4 Dec.Long -127.083056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cambrian Ma 540 Unit Phyllite unit

HostRocks Phyllite, slate, quartzite, siltstone, argillite

HangingwallBeds

FootwallRocks

Mineralogy Bornite

TraceMinerals

Comments

Reference Gabrielse, H., 1973, Geology of Flat River, Glacier Lake, and Wrigley Lake Map-Areas, District of Mackenzie and Yukon Territory: Geological Survey of Canada, Memoir 366, Part I, 153 p. and Part II, 268 p.

DepositID 408 Cont NA NameDeposit Ennadai Lake

OtherNames Nueltin project

Includes

Country Code CNNT Country Canada

Lat.Deg 60 Long.Deg -101 Dec.Lat 60.6138889 StateProvince Northwest  
Territorie

Lat.Min 36 Long.Min -12 Dec.Long -101.2

Lat.Sec 50 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Hurwitz Group

HostRocks Greywacke

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Greywacke derived from quartz-mica schist

Reference Wright, G.M., 1967, Geology of the Southeastern Barren Grounds, Parts of the Districts of Mackenzie and Keewatin (Operations Keewatin Baker the lon): Geological Survey of Canada Memoir 350.

DepositID 409 Cont NA NameDeposit Poorfish Lake(Nueltin project)

OtherNames Nueltin projec

Includes

Country Code CNNT Country Canada

Lat.Deg 60 Long.Deg -100 Dec.Lat 60.1855556 StateProvince Northwest  
Territorie

Lat.Min 11 Long.Min -31 Dec.Long -100.523333

Lat.Sec 8 Long.Sec -24 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Hurwitz Group

HostRocks Argillite, phyllite, greywacke, minor dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Two zones 10-15 ft wide and 82 and 78 ft long. Lithologies given are from the oldest unit of the Hurwitz Group. Contains Au, Ag.

Reference Wright, G.M., 1967, Geology of the Southeastern Barren Grounds, Parts of the Districts of Mackenzie and Keewatin (Operations Keewatin Baker the lon): Geological Survey of Canada Memoir 350.

DepositID 410 Cont NA NameDeposit Ramah

OtherNames Blow-Me-Down Mountain

Includes

Country Code CNNF Country Canada

Lat.Deg 58 Long.Deg -63 Dec.Lat 58.7388889 StateProvince Newfoundl  
and

Lat.Min 44 Long.Min -6 Dec.Long -63.1141667

Lat.Sec 20 Long.Sec -51 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Proterozoic (NeoHelikian) Ma 1000 Unit Ramah Group

HostRocks Slate, quartzite, mica schist, arkose, conglomerate, dlmt

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Personal Communication: Geological Survey of  
Canada, 1985.

DepositID 411 Cont NA NameDeposit Callison

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 58

Long.Deg -124

Dec.Lat

58.3391667

StateProvince British  
Columbia

Lat.Min 20

Long.Min -32

Dec.Long

-124.541944

Lat.Sec 21

Long.Sec -31

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Proterozoic

Ma 1000 Unit Tuchodi Fm.

HostRocks Feldspathic quartzites

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite

TraceMinerals

Comments Occurrence within 5000-ft of feldspathic quartzite and argillaceous dolomites. Disseminated chalcopyrite occurs in 30-ft bed of well-sorted

Reference Preto, V.A., 1972, Lode Copper Deposits of the Racing River-Cataga River Area: British Columbia, Geology, Exploration and Mining, (Gem 1971).

DepositID 412 Cont NA NameDeposit Nekweaga Bay

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 57 Long.Deg -103 Dec.Lat 57.7833333 StateProvince Saskatchewan

Lat.Min 46 Long.Min -43 Dec.Long -103.733056

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Lower Proterozoic (Aphebian) Ma 2000 Unit

HostRocks Grey meta-quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Grades 1% Cu over 8 ft width.

Reference Pyke, M.W., 1967, Occurrences of base metal mineralization along the Wollaston-Sandfly Lakes Trend: Unpublished Paper, Industrial Exposition and Mineral Symposium Regina 1967, Saskatchewan Dept of Industry and Commerce.

DepositID 413 Cont NA NameDeposit Johnson Lake area

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 57 Long.Deg -104 Dec.Lat 57.4583333 StateProvince Saskatchewan

Lat.Min 27 Long.Min -10 Dec.Long -104.169167

Lat.Sec 30 Long.Sec -9 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Lower Proterozoic (Aphebian) Ma 2000 Unit

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Galena

TraceMinerals

Comments Galena (minor Cu) along metasediment-granitic contact for 17000(?) ft.  
Pb-Zn-Cu-Ag

Reference Rath, U., 1969, Base metal occurrences in the Wollaston Lake Belt of  
Northern Saskatchewan: Canadian Institute of Mining and Metallurgy  
Bulletin, Vol. 62, No. 689.

DepositID 414 Cont NA NameDeposit Rafuse Lake

OtherNames

Includes Wollaston Lake Fold Belt

Country Code CNSA Country Canada

Lat.Deg 56 Long.Deg -104 Dec.Lat 56.9083333 StateProvince Saskatchewan

Lat.Min 54 Long.Min -56 Dec.Long -104.943056

Lat.Sec 30 Long.Sec -35 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Daly Lake Group

HostRocks Meta-conglomerate

HangingwallBeds

FootwallRocks

Mineralogy chalcocite, native Cu, galena, chalcocite, malachite, azurite

TraceMinerals

Comments Cu-Pb mineralization quite likely stratiform

Reference Coombe, W., 1977, La Ronge-Wollaston Belts base metals project George Hill, Johnson and Kaz Lakes and Geikie River Areas: in Summary of Investigations 1977, Saskatchewan Geological Survey, p. 85-104.

Kirkham, R.V., 1974, A Synopsis of Canadian stratiform copper deposits in sedimentary sequences: Centenaire De La Societe Geologique De Belgique, Gisements Stratiformes Et Provinces Cupriferes, Liege 1974, p. 367-382.

DepositID 415 Cont NA NameDeposit Juno Lake

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 56 Long.Deg -104 Dec.Lat 56.8772222 StateProvince Saskatchewan

Lat.Min 52 Long.Min -54 Dec.Long -104.915833

Lat.Sec 38 Long.Sec -57 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Daly Lake Group

HostRocks Meta-arkose

HangingwallBeds

FootwallRocks

Mineralogy Covellite, chalcocite, bornite, malachite, ilmenite, hematite, spinel

TraceMinerals

Comments

Reference Coombe, W., 1977, La Ronge-Wollaston Belts base metals project George Hill, Johnson and Kaz Lakes and Geikie River Areas: in Summary of Investigations 1977, Saskatchewan Geological Survey, p. 85-104.

DepositID 416 Cont NA NameDeposit Janice Lake

OtherNames

Includes Kaz Lake

Country Code CNSA Country Canada

Lat.Deg 56 Long.Deg -104 Dec.Lat 56.875 StateProvince Saskatchewan

Lat.Min 52 Long.Min -58 Dec.Long -104.973333

Lat.Sec 30 Long.Sec -24 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Aphebian) Ma 2000 Unit Daly Lake Group

HostRocks Meta-conglomerate (ss pebbles in arkose matri

HangingwallBeds

FootwallRocks

Mineralogy Native Cu, chalcocite with trace  
marcasite-azurite-chalcocite-chalcopyrite-bornite

TraceMinerals

Comments

Reference Rath, U., 1969, Base metal occurrences in the Wollaston Lake Belt of Northern Saskatchewan: Canadian Institute of Mining and Metallurgy Bulletin, Vol. 62, No. 689.

Coombe, W., 1977, La Ronge-Wollaston Belts base metals project George Hill, Johnson and Kaz Lakes and Geikie River Areas: in Summary of Investigations 1977, Saskatchewan Geological Survey, p. 85-104.

DepositID 417 Cont NA NameDeposit Swampy Bay River

OtherNames

Includes

Country Code CNQU Country Canada

StateProvince Quebec

Lat.Deg 56 Long.Deg -68 Dec.Lat 56.6555556

Lat.Min 39 Long.Min -34 Dec.Long -68.5830556

Lat.Sec 20 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 1900 Unit Dunphy Formation

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheve, S.R., Schrijver, K. and Tasse, N., 1985, Cryptalgalaminite Dolomite of the Dunphy Formation, Labrador Trough: Diagenetic and Tectono-Metamorphic Evolution Related to Copper Mineralization: Canadian Jour. of Earth Sciences, Vol. 22, p. 1835.

DepositID 418 Cont NA NameDeposit Richmond Gulf-1

OtherNames

Includes

Country Code CNQU Country Canada

StateProvince Quebec

Lat.Deg 56 Long.Deg -76 Dec.Lat 56.4416667

Lat.Min 26 Long.Min -25 Dec.Long -76.4330556

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Proterozoic (Upper Ma 1900 Unit Nastapoka Group

HostRocks Carbonate, quartz arenite, arkose, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Carbonate with intercalated 4 meters thick pyritic breccia zone

Reference Chandler, F.W., 1978, Geological Environment of Archean Red Beds of the North Half of Richmond Gulf New Quebec: in Current Research Part A, Geological Survey of Canada, Paper 78-1a, p. 107-110.

DepositID 419 Cont NA NameDeposit Richmond Gulf-3

OtherNames

Includes

Country Code CNQU

Country Canada

StateProvince Quebec

Lat.Deg 56

Long.Deg -76

Dec.Lat 56.4055556

Lat.Min 24

Long.Min -27

Dec.Long -76.4636111

Lat.Sec 20

Long.Sec -49

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Proterozoic (Upper

Ma 1900 Unit Nastapoka Group

HostRocks Dolomite, quartz arenite, arkose, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Carbonate with intercalated 4 meter thick pyritic breccia zone. Cu-Co

Reference Chandler, F.W., 1979, Geology of the Aphebian Supracrustal Rocks Lac Guillaume, Delisle, Quebec: Geological Survey of Canada, Open-File 600 (Two Bedrock Geological Maps Scale 1 To 50000).

DepositID 420 Cont NA NameDeposit Romanet River

OtherNames Canada Tungsten

Includes

Country Code CNQU Country Canada

Lat.Deg 56 Long.Deg -67 Dec.Lat 56.3933333 StateProvince Quebec

Lat.Min 23 Long.Min -53 Dec.Long -67.8941667

Lat.Sec 36 Long.Sec -39 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 1900 Unit Dunphy Formation

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheve, S.R., Schrijver, K. and Tasse, N., 1985, Cryptalgalaminite Dolomite of the Dunphy Formation, Labrador Trough: Diagenetic and Tectono-Metamorphic Evolution Related To Copper Mineralization: Canadian Jour. of Earth Sciences, Vol. 22, p. 1835.

DepositID 421 Cont NA NameDeposit La Loche

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 56 Long.Deg -109 Dec.Lat 56.3666667 StateProvince Saskatchewan

Lat.Min 22 Long.Min -15 Dec.Long -109.25

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cambrian Ma 540 Unit Basal sandstone Formation,

HostRocks Grey fine to v coarse quartzose sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Host rock possibly as young as lower Devonian, maximum sandstone thickness 56.4 m. Cu-Pb-Zn

Reference Fuzesy, L.M., 1977, Sedimentary Geology and Mineral Evaluation of the Area Between La Ronge and La Loche: Summary of Investigations, Saskatchewan Geological Survey 1977, p. 175-180.

DepositID 422 Cont NA NameDeposit Copper cove

OtherNames Richmond Gulf

Includes

Country Code CNQU Country Canada

StateProvince Quebec

Lat.Deg 56 Long.Deg -76 Dec.Lat 56.35

Lat.Min 21 Long.Min -26 Dec.Long -76.4486111

Lat.Sec 0 Long.Sec -55 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Upper Ma 1900 Unit Qingalik Formation,

HostRocks Arkose

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Zone lies within pyritic zone 25m beneath unconformity with Nastapoka Group. Mineralized zone 150 m long by 6 m wide outcrops along

Reference Chandler, F.W. and Schwartz, E.J., 1980, Tectonics of the Richmond Gulf Area, Northern Quebec - A Hypothesis: in Current Research Part C, Geological Survey of Canada, Paper 80-1c, p. 59-68.

DepositID 423 Cont NA NameDeposit Richmond Gulf-2

OtherNames

Includes

Country Code CNQU

Country Canada

StateProvince Quebec

Lat.Deg 56

Long.Deg -76

Dec.Lat 56.3458333

Lat.Min 20

Long.Min -25

Dec.Long -76.4275

Lat.Sec 45

Long.Sec -39

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Upper Ma 1900 Unit Qingalik Formation,

HostRocks Grey pyritic sandstone, chloritic arkose

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Occurs 100 m beneath unconformity with Nastapoka Group

Reference Chandler, F.W., 1978, Geological Environment of Aphebian Red Beds of the North Half of Richmond Gulf New Quebec: in Current Research Part A, Geological Survey of Canada, Paper 78-1a, p. 107-110.

DepositID 424 Cont NA NameDeposit Richmond Gulf-4

OtherNames

Includes

Country Code CNQU Country Canada

Lat.Deg 56 Long.Deg -76 Dec.Lat 56.3166667 StateProvince Quebec

Lat.Min 19 Long.Min -25 Dec.Long -76.4166667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Proterozoic (Upper Ma 1900 Unit Qingalik Formation,

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments

Reference Chandler, F.W., 1984, Metallogensis of An Early Proterozoic Foreland Sequence Eastern Hudson Bay Canada: Journal Geological Society of London, Vol. 141, p. 3-15.

DepositID 425 Cont NA NameDeposit Romanet Lake

OtherNames

Includes

Country Code CNQU Country Canada

StateProvince Quebec

Lat.Deg 56 Long.Deg -67 Dec.Lat 56.2822222

Lat.Min 16 Long.Min -49 Dec.Long -67.8316667

Lat.Sec 56 Long.Sec -54 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 1900 Unit Dunphy Formation

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheve, S.R., Schrijver, K. and Tasse, N., 1985, Cryptalgalaminite Dolomite of the Dunphy Formation, Labrador Trough: Diagenetic and Tectono-Metamorphic Evolution Related To Copper Mineralization: Canadian Jour. of Earth Sciences, Vol. 22, p. 1835.

DepositID 426 Cont NA NameDeposit Bacon Lake

OtherNames

Includes

Country Code CNQU Country Canada

Lat.Deg 56 Long.Deg -67 Dec.Lat 56.2711111 StateProvince Quebec

Lat.Min 16 Long.Min -47 Dec.Long -67.7955556

Lat.Sec 16 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 1900 Unit Dunphy Formation

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheve, S.R., 1983, Les Indices Mineralises Du Lac Romanet du Labrador (Nouveau-Quebec): Gouvernement Du Quebec, Ministere De L'energie Et Des Ressources, Rapport Interimaire, En Collaboration Avec L'inrs-Georessources.

DepositID 427 Cont NA NameDeposit Tosi

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 56 Long.Deg -105 Dec.Lat 56.2333333 StateProvince Saskatchewan

Lat.Min 13 Long.Min -43 Dec.Long -105.716667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Ma 2000 Unit

HostRocks Graphitic quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Chalcopyrite-chalcocite mineralization

Reference Kirkham, R.V., 1974, A synopsis of Canadian stratiform copper deposits in sedimentary Ssequences: Centenaire De La Societe Geologique De Belgique, Gisements Stratiformes et Provinces Cupriferes, Liege 1974, p. 367-382.

DepositID 428 Cont NA NameDeposit Dunphy Lake

OtherNames

Includes

Country Code CNQU Country Canada

StateProvince Quebec

Lat.Deg 56 Long.Deg -67 Dec.Lat 56.0583333

Lat.Min 3 Long.Min -43 Dec.Long -67.7166667

Lat.Sec 30 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 1900 Unit Dunphy Formation

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cheve, S.R., Schrijver, K. and Tasse, N., 1985, Cryptalgalaminite Dolomite of the Dunphy Formation, Labrador Trough: Diagenetic and Tectono-Metamorphic Evolution Related To Copper Mineralization: Canadian Jour. of Earth Sciences, Vol. 22, p. 1835.

DepositID 429 Cont NA NameDeposit Northstar Main

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 56

Long.Deg -126

Dec.Lat

56.05

StateProvince British  
Columbia

Lat.Min 2

Long.Min -16

Dec.Long

-126.266667

Lat.Sec 60

Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic

Ma 230

Unit Hazelton Group

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Sutherland-Brown, A., 1968, Northstar: Annual Report for the Year Ended December 31 1967, Minister of Mines and Petroleum Resources, Province of British Columbia.

DepositID 430 Cont NA NameDeposit Elizabeth Lake

OtherNames

Includes

Country Code CNSA Country Canada

Lat.Deg 55 Long.Deg -105 Dec.Lat 55.3311111 StateProvince Saskatchewan

Lat.Min 19 Long.Min -22 Dec.Long -105.366667

Lat.Sec 52 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic (Aphebian) Ma 2000 Unit

HostRocks Metased gneiss band, mainly biotite gneiss

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Numerous low-grade zones and 3 small medium-grade zones.  
Cu-Zn-Au-Pb

Reference Forsythe, L.H., 1976, The Geology of the Nemeiben Lake Area (West Half) and the La Ronge Area (West Half): Saskatchewan Department of Mineral Resources Report 152.

DepositID 431 Cont NA NameDeposit Spriggs Lake

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.4930556 StateProvince Newfoundl  
and

Lat.Min 29 Long.Min -40 Dec.Long -61.6830556

Lat.Sec 35 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Seal Lake Group

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Spriggs, M.J., 1969, Airborne Anomaly checking, Northern Seal Lake:  
British Newfoundland Exploration Ltd., Private Report 1969.

DepositID 432 Cont NA NameDeposit Ellis Pond mineral occ no 26

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3138889 StateProvince Newfoundl  
and

Lat.Min 18 Long.Min -57 Dec.Long -61.9661111

Lat.Sec 50 Long.Sec -58 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic (NeoHelikian) Ma 1000 Unit Adeline Island Fm., Seal

HostRocks Green-grey shale interlensed with quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag-Ba

Reference Gandhi, S.S., 1975, Cupriferous shales of the Adeline Island Formation,  
Seal Lake Group, Labrador: Economic Geology, Vol. 70, p. 145-163.

DepositID 433 Cont NA NameDeposit Gull Lake

OtherNames

Includes Brian prospect

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3111111 StateProvince Newfoundland  
and

Lat.Min 18 Long.Min -53 Dec.Long -61.8927778

Lat.Sec 40 Long.Sec -34 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Shale, slate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Brummer, J.J., 1961, Geology of the Seal Lake Area, Labrador: Geological Society of America Bulletin, Vol. 72, No. 9.

Gandhi, S.S., 1975, Cupriferous shales of the Adeline Island Formation, Seal Lake Group, Labrador: Economic Geology, Vol. 70, p. 145-163.

DepositID 434 Cont NA NameDeposit Duck Lake south

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3069444 StateProvince Newfoundland

Lat.Min 18 Long.Min -47 Dec.Long -61.7947222 land

Lat.Sec 25 Long.Sec -41 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Grey shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Mann, E.L., 1959, Geology of the Seal Lake Area Central Labrador:  
Unpublished Ph.D. thesis, 1959, McGill University.

DepositID 435 Cont NA NameDeposit Brandy Lake prospect

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3030556 StateProvince Newfoundl  
and

Lat.Min 18 Long.Min -36 Dec.Long -61.6002778

Lat.Sec 11 Long.Sec -1 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Shlae

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Brummer, J.J., 1960, A reconnaissance geochemical survey in the Seal  
Lake Area Labrador: CIMM Bulletin, Vol. 53, No. 576, p. 260-267.

Greene, B.A., 1974, An outline of the Geology of Labrador: Mineral  
Development Division, Newfoundland Department of Mines and Energy,  
Information Circular No. 15.

DepositID 435 Cont NA NameDeposit Duck Lake east showing

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3041667 StateProvince Newfoundl  
and

Lat.Min 18 Long.Min -45 Dec.Long -61.7580556

Lat.Sec 15 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Grey shale, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Douglas, C., 1976, Mineral Occurrence Tables: Labrador Mineral  
Development Division Open-File-Lab 326.

DepositID 437 Cont NA NameDeposit Seal Lake-19

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.3027778 StateProvince Newfoundland  
land

Lat.Min 18 Long.Min -41 Dec.Long -61.6908333

Lat.Sec 10 Long.Sec -27 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Grey shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Douglas, C., 1976, Mineral occurrence tables: Labrador Mineral  
Development Division Open-File-Lab 326.

DepositID 438 Cont NA NameDeposit Adeline Lake-3

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -62 Dec.Lat 54.3 StateProvince Newfoundl  
and

Lat.Min 17 Long.Min -1 Dec.Long -62.0302778

Lat.Sec 60 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1000 Unit Adeline Island Fm., Seal

HostRocks Grey shale, slate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Douglas, C., 1976, Mineral Occurrence Tables: Labrador Mineral  
Development Division Open-File-Lab 326.

DepositID 439 Cont NA NameDeposit Adeline Island prospect

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -62 Dec.Lat 54.2980556 StateProvince Newfoundl  
and

Lat.Min 17 Long.Min -3 Dec.Long -62.0580556

Lat.Sec 53 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1000 Unit Adeline Island Fm., Seal

HostRocks Grey shale, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag-Zn

Reference Mann, E.L., 1959, Geology of the Seal Lake Area Central Labrador:  
Unpublished Ph.D. thesis, 1959, McGill University.

DepositID 440 Cont NA NameDeposit Seal Lake-18

OtherNames

Includes Seal Lake-20

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.2958333 StateProvince Newfoundl  
and

Lat.Min 17 Long.Min -40 Dec.Long -61.6802778

Lat.Sec 45 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Adeline Island Fm., Seal

HostRocks Grey shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Douglas, C., 1976, Mineral occurrence tables: Labrador Mineral  
Development Division Open-File-Lab 326.

Greene, B.A., 1974, An outline of the geology of Labrador: Mineral  
Development Division, Newfoundland Department of Mines and Energy,  
Information Circular No. 15.

DepositID 441 Cont NA NameDeposit Adeline Lake east-showing no 7

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.2805556 StateProvince Newfoundl  
and

Lat.Min 16 Long.Min -59 Dec.Long -61.9947222

Lat.Sec 50 Long.Sec -41 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Whiskey Lake Formation,

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Greene, B.A., 1974, An outline of the geology of Labrador: Mineral  
Development Division, Newfoundland Department of Mines and Energy,  
Information Circular No. 15.

DepositID 442 Cont NA NameDeposit No Mans Lake-2

OtherNames

Includes

Country Code CNNF

Country Canada

Lat.Deg 54

Long.Deg -61

Dec.Lat 54.2669444

StateProvince Newfoundl  
and

Lat.Min 16

Long.Min -46

Dec.Long -61.7761111

Lat.Sec 1

Long.Sec -34

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian)

Ma 1100 Unit Whiskey Lake Fm., Seal Lake

HostRocks Quartzite, argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Scattered mineralization in zone 300 ft long and 3 to 8 ft wide

Reference Robinson, W.G., Report on the Seal Lake Concession, Labrador, During 1955: Frobisher Ltd., Unpublished Report 1954.

DepositID 443 Cont NA NameDeposit Whiskey Lake south showing

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 54 Long.Deg -61 Dec.Lat 54.2583333 StateProvince Newfoundl  
and

Lat.Min 15 Long.Min -34 Dec.Long -61.5713889

Lat.Sec 30 Long.Sec -17 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Proterozoic (NeoHelikian) Ma 1100 Unit Whiskey Lake Fm., Seal Lake

HostRocks Green-grey quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Roy, J.L. and Fahrig, W.F., 1973, The Paleomagnetism of Seal and Croteau rocks from the Grenville Front, Labrador: Polar Wandering and Tectonic Implications: Canadian Journal of Earth Sciences, Vol. 10, NO. 8, p. 1279-1301.

DepositID 444 Cont NA NameDeposit MI

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 52

Long.Deg -121

Dec.Lat 52.5913889

StateProvince British  
Columbia

Lat.Min 35

Long.Min -46

Dec.Long -121.7775

Lat.Sec 29

Long.Sec -39

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Jurassic

Ma 1000 Unit

HostRocks Limestone, maroon to grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Syenite dykes Cut all sedimentary rock types in the area.

Reference Bailey, D.G., 1975, Geology of the Morehead Lake Area South-Central British Columbia (93a/12): *in* Geological Fieldwork 1975, British Columbia Department of Mines and Petroleum Resources, p. 59-65.

DepositID 445 Cont NA NameDeposit Panther Creek

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 51 Long.Deg -115 Dec.Lat 51.4666667

Lat.Min 28 Long.Min -52 Dec.Long -115.866667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cambrian Ma 290 Unit Eldon Formation

HostRocks Dolomite-mottled limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kindle, E.D., Copper deposits in Cordilleran Region: Geological Survey of Canada, Unpublished Paper 1971.

DepositID 446 Cont NA NameDeposit North Kootenay Pass area-6

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.4463889

Lat.Min 26 Long.Min -34 Dec.Long -114.572778

Lat.Sec 47 Long.Sec -22 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian) Ma 1400 Unit Upper Grinnell Fm., Purcell

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurs adjacent to fault zones and contact of diorite intrusions.  
Pb-Zn-Cu

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian  
Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt  
Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 447 Cont NA NameDeposit North Kootenay Pass area-4

OtherNames

Includes

Country Code CNAL

Country Canada

StateProvince Alberta

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.4372222

Lat.Min 26

Long.Min -34

Dec.Long

-114.568333

Lat.Sec 14

Long.Sec -6

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian)

Ma 1400

Unit Upper Grinnell Fm., Purcell

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurs adjacent to fault zones and contact of diorite intrusions.  
Pb-Zn-Cu

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian  
Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt  
Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 448 Cont NA NameDeposit North Kootenay Pass area-3

OtherNames

Includes

Country Code CNAL

Country Canada

StateProvince Alberta

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.4219444

Lat.Min 25

Long.Min -34

Dec.Long

-114.575

Lat.Sec 19

Long.Sec -30

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian)

Ma 1400

Unit Upper Grinnell Fm., Purcell

HostRocks Quartzites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurs adjacent to fault zones and contact of diorite intrusions.  
Pb-Zn-Cu

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian  
Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt  
Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 449 Cont NA NameDeposit North Kootenay Pass area-2

OtherNames

Includes

Country Code CNAL

Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.4058333

Lat.Min 24 Long.Min -33 Dec.Long -114.564444

Lat.Sec 21 Long.Sec -52 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian) Ma 1400 Unit Upper Grinnell Fm., Purcell

HostRocks Quartzites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurs adjacent to fault zones and contact of diorite intrusions.  
Pb-Zn-Cu

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian  
Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt  
Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 450 Cont NA NameDeposit North Kootenay Pass area-1

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3961111

Lat.Min 23 Long.Min -33 Dec.Long -114.563611

Lat.Sec 46 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian) Ma 1400 Unit Upper Grinnell Fm., Purcell

HostRocks Quartzites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurs adjacent to fault zones and contact of diorite intrusions.  
Pb-Zn-Cu

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian  
Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt  
Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 451 Cont NA NameDeposit North Kootenay Pass

OtherNames

Includes

Country Code CNBC Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3863889 StateProvince British Columbia

Lat.Min 23 Long.Min -34 Dec.Long -114.575556

Lat.Sec 11 Long.Sec -32 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic (Helikian) Ma 1400 Unit Gateway Fm., Purcell (Belt)

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Copper Geology File 1971.

DepositID 452 Cont NA NameDeposit Table Mountain

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3666667

Lat.Min 22 Long.Min -15 Dec.Long -114.25

Lat.Sec 0 Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic

Ma 1400 Unit Siyeh Fm., Purcell (Belt)

HostRocks Silty dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Cu-Zn

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 453 Cont NA NameDeposit Barnaby Ridge

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3325

Lat.Min 19 Long.Min -21 Dec.Long -114.365833

Lat.Sec 57 Long.Sec -57 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1400 Unit Siyeh Fm., Purcell (Belt)

HostRocks Arenite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 454 Cont NA NameDeposit Whistler Mountain-1

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3325

Lat.Min 19 Long.Min -18 Dec.Long -114.304444

Lat.Sec 57 Long.Sec -16 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Fm., Purcell (Belt)

HostRocks Quartz arenite within red siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sulphides occur intergrown with silica cement. More than 25 mineralized quartz arenite units

Reference Anon, Copper Geology File 1971.

DepositID 455 Cont NA NameDeposit Whistler Mountain-2

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3297222

Lat.Min 19 Long.Min -18 Dec.Long -114.308611

Lat.Sec 47 Long.Sec -31 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Formation, Purcell

HostRocks Argillite, sandstone, siltstone, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 456 Cont NA NameDeposit Whistler Mountain-3

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3286111

Lat.Min 19 Long.Min -18 Dec.Long -114.3025

Lat.Sec 43 Long.Sec -9 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Formation, Purcell

HostRocks Argillite, sandstone, siltstone, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 457 Cont NA NameDeposit Grizzly Creek

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.3080556

Lat.Min 18 Long.Min -20 Dec.Long -114.343056

Lat.Sec 29 Long.Sec -35 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Fm., Purcell (Belt)

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sulphides occur intergrown with silica cement

Reference Anon, Copper Geology File 1971.

DepositID 458 Cont NA NameDeposit Drywood Creek

OtherNames

Includes

Country Code CNAL Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2963889 StateProvince Alberta

Lat.Min 17 Long.Min -2 Dec.Long -114.0375

Lat.Sec 47 Long.Sec -15 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Fm., Purcell (Belt)

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, 1970, , Annual Report of Prospectus Minerals Ltd 1970.

DepositID 459 Cont NA NameDeposit West Castle River-2

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2738889

Lat.Min 16 Long.Min -20 Dec.Long -114.337778

Lat.Sec 26 Long.Sec -16 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1400 Unit Siyeh Formation, Purcell

HostRocks Limest, dolomite, argillite, stromatolitic lmsn

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 460 Cont NA NameDeposit Middle Kootenay Pass

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.25

Lat.Min 15 Long.Min -22 Dec.Long -114.374722

Lat.Sec 0 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Fm., Purcell (Belt)

HostRocks Quartz arenite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sulphides occur intergrown with silica cement

Reference Collins, J.A., 1977, Genesis of cupriferous quartz arenite cycles in the Grinnel Formation: Bulletin of Canadian Petroleum Geologists, Vol. 25, No. 4, p. 713-735.

DepositID 461 Cont NA NameDeposit Spionkop Creek 1

OtherNames Spionkop Ridge

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2266667

Lat.Min 13 Long.Min 0 Dec.Long -114.004167

Lat.Sec 36 Long.Sec -15 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1000 Unit Grinnell Fm., Purcell (Belt)

HostRocks White and green quartzite, green argillite

HangingwallBeds

FootwallRocks Diabase

Mineralogy

TraceMinerals

Comments Cu occurs also in underlying diabase intrusion. Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 462 Cont NA NameDeposit Spionkop Creek 2

OtherNames

Includes

Country Code CNAL Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2277778 StateProvince Alberta

Lat.Min 13 Long.Min -1 Dec.Long -114.016667

Lat.Sec 40 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1000 Unit Grinnel Fm., Purcell (Belt)

HostRocks Argillite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 463 Cont NA NameDeposit Bovin Lake

OtherNames

Includes

Country Code CNAL Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2208333 StateProvince Alberta

Lat.Min 13 Long.Min -8 Dec.Long -114.136944

Lat.Sec 15 Long.Sec -13 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Gateway Fm., Purcell (Belt)

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 464 Cont NA NameDeposit Loaf Mountain

OtherNames

Includes

Country Code CNAL Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2158333 StateProvince Alberta

Lat.Min 12 Long.Min -7 Dec.Long -114.124722

Lat.Sec 57 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Gateway Fm., Purcell (Belt)

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 465 Cont NA NameDeposit Blind Canyon-2

OtherNames

Includes

Country Code CNAL

Country Canada

StateProvince Alberta

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.215

Lat.Min 12

Long.Min 0

Dec.Long

-114.004167

Lat.Sec 54

Long.Sec -15

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic

Ma 1000 Unit Grinnell Fm., Purcell (Belt)

HostRocks Argillite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 466 Cont NA NameDeposit West Castle River-1

OtherNames

Includes

Country Code CNAL Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.2086111 StateProvince Alberta

Lat.Min 12 Long.Min -21 Dec.Long -114.35

Lat.Sec 31 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Sheppard Formation, Purcell

HostRocks Sandstone, dolomite, argillite, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 467 Cont NA NameDeposit Yarrow Creek

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -113 Dec.Lat 49.2011111

Lat.Min 12 Long.Min -58 Dec.Long -113.982222

Lat.Sec 4 Long.Sec -56 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Appekunny Fm., Purcell

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Gobel, R.J., 1970, The Yarrow-Creek-Spionkop Creek copper deposits:  
Unpublished M.Sc. thesis, University of Alberta 1970.

DepositID 468 Cont NA NameDeposit Yarrow Creek-main zone

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -113 Dec.Lat 49.1952778

Lat.Min 11 Long.Min -59 Dec.Long -113.998056

Lat.Sec 43 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1400 Unit Grinnell Fm., Purcell (Belt)

HostRocks Quartzite, sandstone

HangingwallBeds

FootwallRocks Diabase

Mineralogy

TraceMinerals

Comments Cu also occurs in underlying diabase intrusions. Cu-Ag

Reference Gorie, E., Kintla Explorations Ltd Final Geological Report 1972-1973 Programs, Big Horn Claims, Yarrow Creek-Spionkop Creek, Southwestern Alberta: Copper Geology File 1974.

DepositID 470 Cont NA NameDeposit Castle River, Loaf Mountain-2

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1855556

Lat.Min 11 Long.Min -5 Dec.Long -114.096667

Lat.Sec 8 Long.Sec -48 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Gateway-Boosville

HostRocks Argillite, siltstone, dolomite, dolomitic sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 470 Cont NA NameDeposit Castle River, Loaf Mountain-3

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1925

Lat.Min 11 Long.Min -6 Dec.Long -114.102778

Lat.Sec 33 Long.Sec -10 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Gateway-Boosville

HostRocks Argillite, siltstone, dolomite, dolomitic sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 471 Cont NA NameDeposit Castle River, Loaf Mountain-1

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1802778

Lat.Min 10 Long.Min -6 Dec.Long -114.111389

Lat.Sec 49 Long.Sec -41 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1000 Unit Gateway-Boosville

HostRocks Argillite, siltstone, dolomite, dolomitic sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 472 Cont NA NameDeposit Commerce Creek

OtherNames

Includes

Country Code CNBC Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1697222 StateProvince British Columbia

Lat.Min 10 Long.Min -23 Dec.Long -114.387778

Lat.Sec 11 Long.Sec -16 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1500 Unit Grinnell Fm., Purcell (Belt)

HostRocks Arenite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag-Au

Reference Anon, 1967, Commerce Nickel Mines Ltd.: Canadian Mines Handbook, 1967-1968, p. 88.

DepositID 473 Cont NA NameDeposit Sage Creek 1

OtherNames Commerce Peak

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat 49.1527778

StateProvince British  
Columbia

Lat.Min 9

Long.Min -20

Dec.Long -114.345556

Lat.Sec 10

Long.Sec -44

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic

Ma 1500 Unit Roosville Formation, Purcell

HostRocks Gray argillite, siltst, sandstone, dolomite, arenites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Arenite up to 10 ft thick carry 0.27 to 1.57% Cu and 0.3 to 5 ppm Ag

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 474 Cont NA NameDeposit Sage Creek 2

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.15

StateProvince British  
Columbia

Lat.Min 8

Long.Min -17

Dec.Long

-114.285833

Lat.Sec 60

Long.Sec -9

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic

Ma 1500 Unit Roosville Formation, Purcell

HostRocks Gray argillite, siltst, sandstone, dolomite, arenite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Arenite up to 10 ft thick carry 0.27 to 1.57% Cu and 0.3 to 5 ppm Ag

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 475 Cont NA NameDeposit Disraeli Lake

OtherNames Commerce

Includes

Country Code CNON Country Canada

Lat.Deg 49 Long.Deg -88 Dec.Lat 49.1486111 StateProvince Ontario

Lat.Min 8 Long.Min -59 Dec.Long -88.9913889

Lat.Sec 55 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 2000 Unit Sibley Group

HostRocks Dolomite, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Age of host rock is not necessarily Age of mineralization in this case.  
Cu-Pb

Reference Anon, 1967, Commerce Nickel Mines Ltd: Canadian Mines Handbook  
1967-68, p. 88.

DepositID 476 Cont NA NameDeposit Sage Creek 4

OtherNames Langemarck Mtn-2

Includes

Country Code CNBC Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1375 StateProvince British Columbia

Lat.Min 8 Long.Min -20 Dec.Long -114.334444

Lat.Sec 15 Long.Sec -4 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1500 Unit Siyeh Formation, Purcell

HostRocks Limestone, dolomite, argillite, arenites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 477 Cont NA NameDeposit Sage Creek 3

OtherNames Langemarck Mtn-1

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat 49.1333333

StateProvince British  
Columbia

Lat.Min 7

Long.Min -22

Dec.Long -114.3775

Lat.Sec 60

Long.Sec -39

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic

Ma 1500 Unit Grinnell Formation, Purcell

HostRocks Argillite, sandstone, siltstone, qtzite, arenites

HangingwallBeds

FootwallRocks

Mineralogy Bornite, covellite

TraceMinerals

Comments 1-2 ft thick beds of lower Grinnell carry 2.5 to 5.0% Cu

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 478 Cont NA NameDeposit Blakiston Creek

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.1325

Lat.Min 7 Long.Min 0 Dec.Long -114.015556

Lat.Sec 57 Long.Sec -56 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1000 Unit Grinnell Fm., Purcell (Belt)

HostRocks Argillite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 479 Cont NA NameDeposit Mount Lineham

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.0808333

Lat.Min 4 Long.Min 0 Dec.Long -114.0075

Lat.Sec 51 Long.Sec -27 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1000 Unit Grinnell Fm., Purcell (Belt)

HostRocks Argillites, sandstones

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 480 Cont NA NameDeposit Cameron Brook

OtherNames

Includes

Country Code CNAL Country Canada

StateProvince Alberta

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.065

Lat.Min 3 Long.Min 0 Dec.Long -114.014722

Lat.Sec 54 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic Ma 1000 Unit Grinnell Fm., Purcell (Belt)

HostRocks Argillite, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Morton, R., 1973, Sulfide deposits associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 481 Cont NA NameDeposit Akamina, Flathead Valley

OtherNames

Includes

Country Code CNBC Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.04 StateProvince British Columbia

Lat.Min 2 Long.Min -16 Dec.Long -114.268056

Lat.Sec 24 Long.Sec -5 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Helikian Ma 1400 Unit Purcell series, Grinnell Fm.

HostRocks Quartzite (sandstone)

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralization in clots associated with shale fragments and as fracture fillings. Cu-Ag

Reference Anon, 1969, / British Columbia Minister of Mines, Annual Report, 1968.

DepositID 482 Cont NA NameDeposit Kishinena Creek

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.0333333

StateProvince British  
Columbia

Lat.Min 1

Long.Min -16

Dec.Long

-114.271944

Lat.Sec 60

Long.Sec -19

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic

Ma 1500 Unit Middle-upper Grinnell Fm.,

HostRocks Argillite, sandstone, siltstone, arenite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Considerable Cu-Ag enrichment with grades around 0.3% Cu and 14 ppm Ag, adjacent to normal faults

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 483 Cont NA NameDeposit Wall Lake 1

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat 49.0138889

StateProvince British  
Columbia

Lat.Min 0

Long.Min -5

Dec.Long -114.095556

Lat.Sec 50

Long.Sec -44

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic

Ma 1500 Unit Sheppard Formation, Purcell

HostRocks Quartzitic and dolomitic sandstone, dolomite, siltstone

HangingwallBeds

FootwallRocks

Mineralogy Bornite, covellite

TraceMinerals

Comments Cu contained mainly in unmetamorphosed arenites of the lower Sheppard

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 483 Cont NA NameDeposit Wall Lake 2

OtherNames Akamina Creek

Includes

Country Code CNBC Country Canada

Lat.Deg 49 Long.Deg -114 Dec.Lat 49.025 StateProvince British Columbia

Lat.Min 1 Long.Min -4 Dec.Long -114.066667

Lat.Sec 30 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Middle Proterozoic Ma 1500 Unit Middle Gateway Fm., Purcell

HostRocks Calcareous siltstone, argillite, dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Several occurrences in 5-7 ft thick siltst beds grade 0.32 to 0.54% Cu

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 485 Cont NA NameDeposit Starvation Creek-1

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat

49.01

StateProvince British  
Columbia

Lat.Min 0

Long.Min -13

Dec.Long

-114.221944

Lat.Sec 36

Long.Sec -19

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic

Ma 1500 Unit Upper grinnell Fm., Purcell

HostRocks Arenite, argillite, sandstone, siltstone, qtzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag. White arenite 4 to 7 ft thick, grab samples up to 0.41% Cu

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 486 Cont NA NameDeposit Starvation Creek-2

OtherNames

Includes

Country Code CNBC

Country Canada

Lat.Deg 49

Long.Deg -114

Dec.Lat 49.0083333

StateProvince British  
Columbia

Lat.Min 0

Long.Min -10

Dec.Long -114.166667

Lat.Sec 30

Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic

Ma 1500 Unit Middle-upper Styeh Fm.,

HostRocks Limestone, dolomite, argillite, sandy limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Two occurrences carry low Cu values (average 0.01 to 0.08% Cu)

Reference Morton, R., 1973, Sulfide Deposits Associated with Precambrian Belt-Purcell Strata in Alberta and British Columbia, Canada: Belt Symposium September 17-22 1973 (Moscow Idaho), Vol. 1, p. 159-179.

DepositID 487 Cont NA NameDeposit Boswarlos

OtherNames Port au Port Penin

Includes

Country Code CNNF Country Canada

Lat.Deg 48 Long.Deg -58 Dec.Lat 48.5686111 StateProvince Newfoundl  
and

Lat.Min 34 Long.Min -48 Dec.Long -58.8138889

Lat.Sec 7 Long.Sec -50 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Mississippian Ma 340 Unit Codroy Group (equivalent to

HostRocks Fossiliferous buff limestone, gypsum, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu-Sr-Ba

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 488 Cont NA NameDeposit Fischells Brook

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 48 Long.Deg -58 Dec.Lat 48.3038889 StateProvince Newfoundland

Lat.Min 18 Long.Min -32 Dec.Long -58.5497222 land

Lat.Sec 14 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Barachois Group

HostRocks Green-grey and red sandstone, pebbly ss, siltst

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Disseminated mineralization occurs over 45 cm interval at 575 m depth in ddh.

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 489 Cont NA NameDeposit Jeffreys Village

OtherNames

Includes

Country Code CNNF

Country Canada

Lat.Deg 48

Long.Deg -58

Dec.Lat 48.2422222

StateProvince Newfoundland

Lat.Min 14

Long.Min -49

Dec.Long -58.8230556

Lat.Sec 32

Long.Sec -23

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Mississippian

Ma 340 Unit Jeffreys Village Member,

HostRocks Red siltstone, red and grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 490 Cont NA NameDeposit JF

OtherNames

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 48 Long.Deg -115 Dec.Lat 48.1986111

Lat.Min 11 Long.Min -53 Dec.Long -115.895

Lat.Sec 55 Long.Sec -42 GeolProv 5027

OreMmt 13.6 CuGrade% 0.4 CoGrade% AgGradeppm 44.6

CuMmt .0544

DepositType Revett Cu

Age M. Proterozoic Ma 1500 Unit Revett Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite , galena, calcite

TraceMinerals

Comments

Reference Boleneus, D.E., 2002, unpublished database

DepositID 491 Cont NA NameDeposit Rock Creek

OtherNames

Includes Rock Lake, Montanore, Copper Gulch, Horizon Basin, Rock

Country Code USMT Country United States

Lat.Deg 48 Long.Deg -115 Dec.Lat 48.0794444 StateProvince Montana

Lat.Min 04 Long.Min -40 Dec.Long -115.676667

Lat.Sec 46 Long.Sec -36 GeolProv 5027

OreMmt 299 CuGrade% 0.81 CoGrade% AgGradeppm 71

CuMmt 2.4219

DepositType Revett Cu

Age M. Proterozoic Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds Siltite, silty quartzite, quartzite upper members, Revett Fm.

FootwallRocks Siltstone, argillite (Burke Fm.)

Mineralogy Chalcocite, chalcopyrite, bornite, galena, native silver, pyrite, pyrrhotite

TraceMinerals

Comments Cu-Ag-Pb

Reference Adkins, A.R., 1993, Geology of the Montanore stratabound Cu-Ag deposit, Lincoln and Sanders Counties, Montana: Montana Bureau of Mines and Geology Open File Report 381, 3 p.

Boleneus, D.E., 2002, unpublished database

DepositID 492 Cont NA NameDeposit Bald Mountain

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 48 Long.Deg -58 Dec.Lat 48.025 StateProvince Newfoundland

Lat.Min 1 Long.Min -51 Dec.Long -58.8558333 land

Lat.Sec 30 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Mississippian Ma 340 Unit Codroy Road Formation,

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 493 Cont NA NameDeposit Grand Codroy River -S branch

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 47 Long.Deg -59 Dec.Lat 47.9061111 StateProvince Newfoundland

Lat.Min 54 Long.Min -4 Dec.Long -59.0730556 land

Lat.Sec 22 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Mississippian Ma 340 Unit Mollichignick Member,

HostRocks Micaceous sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sandstone of Robinsons River Formation, fine plant material common. U grades 30-34 ppm, Cu 775 ppm.

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 494 Cont NA NameDeposit Grand Codroy River-highway one

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 47 Long.Deg -59 Dec.Lat 47.8688889 StateProvince Newfoundland

Lat.Min 52 Long.Min -6 Dec.Long -59.1152778 land

Lat.Sec 8 Long.Sec -55 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Mississippian Ma 340 Unit Overfall Brook Member,

HostRocks Mudstone, siltstone, arkosic pebbly grit, ss

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Host rocks belong to Robinson River Formation. Cu-U. U grades 23-323 ppm, Cu 3000 ppm

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 495 Cont NA NameDeposit Vermillion River

OtherNames

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 47 Long.Deg -115 Dec.Lat 47.8511111

Lat.Min 51 Long.Min -22 Dec.Long -115.369722

Lat.Sec 04 Long.Sec -11

GeolProv 5027

OreMmt 13.6 CuGrade% 0.5 CoGrade% AgGradeppm 30.8

CuMmt .068

DepositType Revett Cu

Age M. Proterozoic

Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, feldspar, ankerite

TraceMinerals

Comments

Reference Boleneus, D.E., 2002, unpublished database

DepositID 496 Cont NA NameDeposit Grand Codroy River-on railway

OtherNames

Includes

Country Code CNNF Country Canada

Lat.Deg 47 Long.Deg -59 Dec.Lat 47.8472222 StateProvince Newfoundland

Lat.Min 50 Long.Min -11 Dec.Long -59.1844444 land

Lat.Sec 50 Long.Sec -4 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Mississippian Ma 340 Unit Mollichignick Member,

HostRocks Grey sandstone with abundant grey mudclasts

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Associated with mudclasts and plant fossils above scour at base of sandstone. Grades: U, 7.4 ppm, Cu, 1650 ppm.

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 497 Cont NA NameDeposit Searston

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 47

Long.Deg -59

Dec.Lat 47.8236111

StateProvince Nova  
Scotia

Lat.Min 49

Long.Min -19

Dec.Long -59.3297222

Lat.Sec 25

Long.Sec -47

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous

Ma 320

Unit Searston Formation,

HostRocks Green-grey and red sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Knight, I., 1983, Geology of the Carboniferous Bay St George Subbasin, Western Newfoundland: Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador, Memoir 1.

DepositID 498 Cont NA NameDeposit Daisy Creek

OtherNames

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 47 Long.Deg -115 Dec.Lat 47.8166667

Lat.Min 49 Long.Min -19 Dec.Long -115.333056

Lat.Sec 0 Long.Sec -59

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic (Helikian) Ma 1400 Unit Bonner Formation, Belt

HostRocks Grey to white feldspathic quartzites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Ag. Mineralization occurs adjacent to overbank-facies siltite beds.

Reference Stanley, C.R., 1987, Hinsdalite and other products of oxidation at the Daisy Creek Stratabound Copper-Silver Prospect, Northwestern Montana: Canadian Mineralogist, Vol. 25, p. 213-220.

DepositID 499 Cont NA NameDeposit Niagara

OtherNames

Includes

Country Code USID Country United States

StateProvince Idaho

Lat.Deg 47 Long.Deg -115 Dec.Lat 47.6830556

Lat.Min 40 Long.Min -51 Dec.Long -115.860556

Lat.Sec 59 Long.Sec -38 GeolProv 5027

OreMmt 15 CuGrade% 0.47 CoGrade% AgGradeppm 16

CuMmt .0705

DepositType Revett Cu

Age M. Proterozoic

Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Bornite, chalcopyrite

TraceMinerals

Comments

Reference Boleneus, D.E., 2002, unpublished database

DepositID 500 Cont NA NameDeposit Nepisiguit River copper

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 47 Long.Deg -65 Dec.Lat 47.5708333 StateProvince New Brunswick

Lat.Min 34 Long.Min -37 Dec.Long -65.6205556

Lat.Sec 15 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 20 to 30 tons ore removed in 1859.

Reference Bailey, L.W., 1898, Geological Survey of Canada, Annual Report 1897, Vol. 10.

DepositID 501 Cont NA NameDeposit Missoula National

OtherNames

Includes

Country Code USID Country United States

StateProvince Idaho

Lat.Deg 47 Long.Deg -115 Dec.Lat 47.5044444

Lat.Min 30 Long.Min -44 Dec.Long -115.743611

Lat.Sec 16 Long.Sec -37 GeolProv 5027

OreMmt 4.5 CuGrade% 0.5 CoGrade% AgGradeppm 34

CuMmt .0225

DepositType Revett Cu

Age M. Proterozoic Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Bornite, chalcopyrite, calcite

TraceMinerals

Comments

Reference Boleneus, D.E., 2002, unpublished database

DepositID 502 Cont NA NameDeposit Mission Mountains

OtherNames

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 47 Long.Deg -114 Dec.Lat 47.5

Lat.Min 30 Long.Min -4 Dec.Long -114.083056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Middle Proterozoic (Helikian) Ma 1400 Unit Shepard Fm. of Belt

HostRocks Siltite and quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Original Cu minerals Occurrence as heavy mineral grains, interstitial  
fLakes

Reference Harrison, J.E., 1969, Mineral resources of the Mission Mountains  
Primitive Area, Missoula and Lake Counties Montana: U.S. Geological  
Survey, Bulletin 1261-D, 47 p.

DepositID 503 Cont NA NameDeposit Snowstorm

OtherNames

Includes

Country Code USID Country United States

StateProvince Idaho

Lat.Deg 47 Long.Deg -115 Dec.Lat 47.4825

Lat.Min 28 Long.Min -43 Dec.Long -115.724722

Lat.Sec 57 Long.Sec -29 GeolProv 5027

OreMmt 0.75 CuGrade% 3.33 CoGrade% AgGradeppm 169

CuMmt .024975

DepositType Revett Cu

Age M. Proterozoic Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, tetrahedrite, bornite, chalcocite

TraceMinerals Gold

Comments Produced 3283 oz. Au

Reference Boleneus, D.E., 2002, unpublished database

DepositID 504 Cont NA NameDeposit Scapegoat Wilderness

OtherNames Red Ridge

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 47 Long.Deg -112 Dec.Lat 47.2333333

Lat.Min 14 Long.Min -46 Dec.Long -112.766667

Lat.Sec Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian) Ma 1400 Unit Spokane, empire, Snowslip

HostRocks Argillite, siltite, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Along fractures, bedding planes and in intergranular voids of porous rocks. Contains U, Ag.

Reference Mudge, M.R., 1974, Mineral resources of the Scapegoat Wilderness Powell and Lewis and Clark Counties, Montana: U.S. Geological Survey Bulletin 1385-B.

DepositID 505 Cont NA NameDeposit Dingwall

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.93 StateProvince Nova Scotia

Lat.Min 55 Long.Min -29 Dec.Long -60.4980556

Lat.Sec 48 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Carboniferous Ma 350 Unit

HostRocks Argillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11k 16c, 13-Q-5.

DepositID 506 Cont NA NameDeposit Canyon Creek, Rogers Pass

OtherNames

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 46 Long.Deg -112 Dec.Lat 46.9166667

Lat.Min 55 Long.Min -4 Dec.Long -112.083056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic Ma 2000 Unit Middle spokane Formation,

HostRocks White feldspathic qzite, green argl and siltite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Maroon rocks enclose potentially economic Cu-Ag-bearing sandstone intervals

Reference Braun, E.R., 1984, Organic control of sandstone-hosted copper-silver mineralization in the Spokane Formation Near Rogers Pass, Western Montana: Montana Geological Society, Guidebook-1984, Field Conference Nw Montana

DepositID 507 Cont NA NameDeposit Wolf Creek

OtherNames

Includes

Country Code USMT Country United States

Lat.Deg 46 Long.Deg -112 Dec.Lat 46.8666667 StateProvince Montana

Lat.Min 52 Long.Min -7 Dec.Long -112.116667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic Ma 1400 Unit Spokane Fm., Ravalli Group,

HostRocks Limestone, green and red siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu grade up to 1% and Ag up to 29 ppm. Occurrence in the oolitic limestone

Reference Lange, I.M., Moore, J.N. and Krouse, H.R., 1987, Diagenesis and copper mineralization in carbonates in the Spokane Formation, Belt Supergroup, at Wolf Creek, Montana: Economic Geology, Vol. 82 No. 5, p. 1334-1347.

DepositID 508 Cont NA NameDeposit White Pine

OtherNames

Includes

Country Code USMI Country United States

StateProvince Michigan

Lat.Deg 46 Long.Deg -89 Dec.Lat 46.7666667

Lat.Min 46 Long.Min -34 Dec.Long -89.5666667

Lat.Sec Long.Sec GeolProv 5051

OreMmt 688 CuGrade% 1.2 CoGrade% AgGradeppm 40

CuMmt 8.256

DepositType Reduced facies Cu

Age M. Proterozoic Ma 1100 Unit Nonesuch Shale

HostRocks Shale

HangingwallBeds Sandstone

FootwallRocks Conglomerate

Mineralogy Chalcocite, native copper, native silver, calcite

TraceMinerals

Comments

Reference Brown, A.C., 1971, Zoning in the White Pine copper deposit Ontonagon County, Michigan: Economic Geology, v. 66, p. 543-573.

Ensign, C. O., White, W. S., Wright, J. C., Patrick, J. L., Leone, R. J., Hathaway, D. J., Trammell, J. W., Fritts, J. J., and Wright, T. L., 1968, Copper deposits in the Nonesuch Shale, White Pine, Michigan, in Ridge, J. D., ed., Ore Deposits of the United States, 1933-1967; the Graton-Sales Volume: American Institute of Mining, Metallurgical and Petroleum Engineers, New York, p. 460-488.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and

DepositID 509 Cont NA NameDeposit Presque Isle

OtherNames

Includes

Country Code USMI Country United States

StateProvince Michigan

Lat.Deg 46 Long.Deg -89 Dec.Lat 46.6833333

Lat.Min 41 Long.Min -59 Dec.Long -89.9833333

Lat.Sec Long.Sec GeolProv 5051

OreMmt 90.7 CuGrade% 1.3 CoGrade% AgGradeppm 5

CuMmt 1.1791

DepositType Reduced facies Cu

Age M. Proterozoic Ma 1500 Unit Nonesuch Shale

HostRocks Siltstone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference White, W.S., and Wright, J.C., 1966, Sulfide mineral zoning in the basal Nonsuch shale: Economic Geology, v. 61, p. 1171-1190.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p

DepositID 511 Cont NA NameDeposit Cobre Lake

OtherNames

Includes

Country Code CNON

Country Canada

StateProvince Ontario

Lat.Deg 46

Long.Deg -82

Dec.Lat 46.6291667

Lat.Min 37

Long.Min 48

Dec.Long -81.2

Lat.Sec 45

Long.Sec 00

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Proterozoic

Ma ?

Unit Cobalt Grp.:Lorrain, Gordon Lake

HostRocks Sandstone

HangingwallBeds Argillite

FootwallRocks Redbeds

Mineralogy Chalcopyrite, pyrite, hematite, chlorite

TraceMinerals

Comments Contact Occurrences at transition from fluvial to tidal marine conditions

Reference Chandler, F.W., Lower Proterozoic sabkha-related copper mineralization, paleoenvironment and diagenesis, Cobre lake, Ontario *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36. p. 225-344.

Pearson, W.N., 1979, Copper metallogeny North Shore Region of Lake Huron: Geological Survey of Canada, Paper 79-1, p. 289-304.

DepositID 511 Cont NA NameDeposit Flack Lake area

OtherNames

Includes

Country Code CNON Country Canada

Lat.Deg 46 Long.Deg -82 Dec.Lat 46.6 StateProvince Ontario

Lat.Min 36 Long.Min -46 Dec.Long -82.7666667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Proterozoic (Lower Ma 1900 Unit Gordon Lake Formation,

HostRocks Sandstone, siltstone, quartz arenite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sparse sabkha-related Cu lies at boundary between Lorrain and Gordon Lake Fms.

Reference Chandler, F.W., 1986, Sedimentology and Paleoclimatology of the Huronian, Lorrain and Gordon Lake Formations and their Bearing on Models for Sedimentary Cu Mineralization: Geological Survey of Canada, Paper 86-1a, p.121.

DepositID 513 Cont NA NameDeposit Stag Lake

OtherNames

Includes

Country Code CNON

Country Canada

StateProvince Ontario

Lat.Deg 46

Long.Deg -82

Dec.Lat 46.5861111

Lat.Min 35

Long.Min -36

Dec.Long -82.6041667

Lat.Sec 10

Long.Sec -15

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Proterozoic

Ma ?

Unit Cobalt Grp.:Lorrain, Gordon Lake

HostRocks Quartzite, argillite

HangingwallBeds Argillite

FootwallRocks Redbeds

Mineralogy Chalcopyrite, pyrite, hematite, chlorite

TraceMinerals

Comments Lies 300m below Nipissing diabase sill. Gordon Lake Fm contains tillite. Low grade disseminated Cu occurs over strike length of 3.2 km. Cu also

Reference

Shklanka, R., 1969, Copper, nickel, lead and zinc deposits of Ontario:  
Ontario Department of Mines, Mineral Resources Circular No. 12.

DepositID 514 Cont NA NameDeposit Kona Dolomite

OtherNames

Includes

Country Code USMI Country United States

StateProvince Michigan

Lat.Deg 46 Long.Deg 87 Dec.Lat 46.5333333

Lat.Min 32 Long.Min 27 Dec.Long 87.45

Lat.Sec Long.Sec GeolProv

OreMmt 907 CuGrade% 0.3 CoGrade% AgGradeppm

CuMmt 2.721

DepositType Reduced facies Cu

Age L. Proterozoic Ma 2000 Unit Wewe Fm.

HostRocks Dolomitic quartzite

HangingwallBeds Argillite

FootwallRocks Argillite

Mineralogy Chalcocite, bornite, chalcopyrite, pyrite

TraceMinerals

Comments Mineralized zone 10 m thick at base of stromatolitic Kona Dolomite. Grade controlled by permeability and abundance of early pyrite

Reference Clark, J.L., 1974, Distribution and mode of occurrence of copper sulfides in the Kona Dolomite, Marquette County, Michigan (abs.) in Giblin, P.E., Bennett, G. and Leahy, E.J., eds., Field Guides for 20th Annual meeting: Institute on Lake Superior Geology Sault Ste. Marie

DepositID 514 Cont NA NameDeposit Desbarats

OtherNames

Includes

Country Code CNON

Country Canada

StateProvince Ontario

Lat.Deg 46

Long.Deg -83

Dec.Lat 46.3591667

Lat.Min 21

Long.Min -58

Dec.Long -83.9666667

Lat.Sec 33

Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Proterozoic (Huronian)

Ma 2400 Unit Lower Lorrain Fm., Cobalt

HostRocks Pink and purple quartzites

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralized quartzite is hematitic, feldspathic, slightly radioactive

Reference Anon, Ontario Department of Mines, Resident Geologist Files,  
Ssm-1/-2/-3.

Shklanka, R., 1969, Copper, Nickel, Lead and Zinc Deposits of Ontario:  
Ontario Department of Mines, Mineral Resources Circular No. 12.

Thomson, J.E., 1957, Copper, Nickel, Lead and Zinc Deposits in Ontario:  
Ontario Department of Mines, Metal Resources Circular No. 2.

DepositID 515 Cont NA NameDeposit Watersmeet

OtherNames

Includes

Country Code USMI Country United States

StateProvince Michigan

Lat.Deg 46 Long.Deg -89 Dec.Lat 46.35

Lat.Min 21 Long.Min -19 Dec.Long -89.316667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Proterozoic Ma 2000 Unit Chocolay Group, Marquette

HostRocks Vitreous white orthoquartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Masive quartzite beds have sharp contact with the tremolitic marble

Reference Cannon, W.F., 1980, Copper-bearing quartzite near Watersmeet, Michigan:  
U.S. Geological Survey, Open-File Report 80-390, 6 p.

DepositID 516 Cont NA NameDeposit Highway showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.2377778 StateProvince Nova Scotia

Lat.Min 14 Long.Min -16 Dec.Long -60.2666667

Lat.Sec 16 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Upper Carboniferous Ma 350 Unit Morien Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Personal Communication: Geological Survey of Canada, 1985.

DepositID 517 Cont NA NameDeposit Mcleod Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.2352778 StateProvince Nova Scotia

Lat.Min 14 Long.Min -36 Dec.Long -60.6111111

Lat.Sec 7 Long.Sec -40 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 518 Cont NA NameDeposit Gillis Dale

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -61 Dec.Lat 46.2286111 StateProvince Nova Scotia

Lat.Min 13 Long.Min -8 Dec.Long -61.1480556

Lat.Sec 43 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 519 Cont NA NameDeposit Squire Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.2177778 StateProvince Nova Scotia

Lat.Min 13 Long.Min -35 Dec.Long -60.5894444

Lat.Sec 4 Long.Sec -22 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn

Reference Binney, W.P., 1975, Copper Occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 520 Cont NA NameDeposit Point Edward

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.1672222 StateProvince Nova  
Scotia

Lat.Min 10 Long.Min -16 Dec.Long -60.2719444

Lat.Sec 2 Long.Sec -19 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Cu

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous  
Sedimentary Rocks of the Maritime Provinces: Geological Survey of  
Canada, Open-File 281, 156 p.

DepositID 521 Cont NA NameDeposit Kirkwood

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -61 Dec.Lat 46.1666667 StateProvince Nova Scotia

Lat.Min 10 Long.Min -8 Dec.Long -61.1497222

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Lower Carboniferous Ma 350 Unit

HostRocks Arkose sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn

Reference Anon, 1970, , Nova Scotia Dept Mines, Ann Rept (1969)

DepositID 522 Cont NA NameDeposit Frenchvale

OtherNames Leitches Creek

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.1666667 StateProvince Nova  
Scotia

Lat.Min 10 Long.Min -17 Dec.Long -60.2997222

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 K 1b, 13 C  
29.

DepositID 523 Cont NA NameDeposit Mabou

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -61 Dec.Lat 46.1647222 StateProvince Nova  
Scotia

Lat.Min 9 Long.Min -26 Dec.Long -61.4361111

Lat.Sec 53 Long.Sec -10 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Carboniferous Ma 350 Unit

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U-Ag

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11k 3b,  
13-J-35.

DepositID 524 Cont NA NameDeposit Yankee Line Road

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.1330556 StateProvince Nova Scotia

Lat.Min 7 Long.Min -55 Dec.Long -60.9166667

Lat.Sec 59 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Horton Group, Windsor Group

HostRocks Conglomerate, limestone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, galena

TraceMinerals

Comments Pb-Cu

Reference Binney, W.P., 1975, Copper Occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 525 Cont NA NameDeposit Gallas Point

OtherNames

Includes

Country Code CNPE Country Canada

Lat.Deg 46 Long.Deg -62 Dec.Lat 46.1325 StateProvince Prince Edward

Lat.Min 7 Long.Min -57 Dec.Long -62.9655556

Lat.Sec 57 Long.Sec -56 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Ma Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments U-Cu-Ba

Reference Barss, M.S., Hacquebard, p.A., and Howie, R.D., 1963, Palynology and stratigraphy of some Upper Pennsylvanian and Permian Rocks of the Maritime Provinces: Geological Survey of Canada, Paper 63-3, 13 p.

DepositID 526 Cont NA NameDeposit Finlay Beach

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -61 Dec.Lat 46.1313889 StateProvince Nova Scotia

Lat.Min 7 Long.Min -27 Dec.Long -61.4602778

Lat.Sec 53 Long.Sec -37 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Only trace of Cu found

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 527 Cont NA NameDeposit Musgrave showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.13 StateProvince Nova Scotia

Lat.Min 7 Long.Min -20 Dec.Long -60.3413889

Lat.Sec 48 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shaw, W.S., 1974, Cape Breton Mineral Resource Project: Safras Data File (1974), St Francis Xavier University.

DepositID 528 Cont NA NameDeposit Mackay showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.12 StateProvince Nova Scotia

Lat.Min 7 Long.Min -21 Dec.Long -60.3563889

Lat.Sec 12 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shaw, W.S., 1974, Cape Breton Mineral Resource Project: Safras Data File (1974), St Francis Xavier University.

DepositID 529 Cont NA NameDeposit Macmullin Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.1038889 StateProvince Nova Scotia

Lat.Min 6 Long.Min -23 Dec.Long -60.3844444

Lat.Sec 14 Long.Sec -4 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone, conglomrate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fletcher, H., 1900, Sydney Coal Field, Geological Survey of Canada  
Separate Rept 685.

DepositID 530 Cont NA NameDeposit Washabuck-1

OtherNames Crow Point

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.075 StateProvince Nova Scotia

Lat.Min 4 Long.Min -46 Dec.Long -60.7666667

Lat.Sec 30 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Horton Group

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Au-Ag-Pb

Reference Kelley, D.G., 1967, Baddeck and Whycocomach Map-Areas: with emphasis on Mississippian Stratigraphy of Central Cape Breton Island, Nova Scotia: Geological Survey of Canada, Memoir 351, 65 p.

DepositID 531 Cont NA NameDeposit Washabuck-2

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 46

Long.Deg -60

Dec.Lat

46.0541667

StateProvince Nova

Scotia

Lat.Min 3

Long.Min -48

Dec.Long

-60.8019444

Lat.Sec 15

Long.Sec -7

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous

Ma 290

Unit Windsor Group, Horton Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 532 Cont NA NameDeposit Macbeth Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0722222 StateProvince Nova  
Scotia

Lat.Min 4 Long.Min -19 Dec.Long -60.3269444

Lat.Sec 20 Long.Sec -37 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Personal Communication: Geological Survey of  
Canada, 1985.

DepositID 533 Cont NA NameDeposit Coxheath-contact zone

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0713889 StateProvince Nova Scotia

Lat.Min 4 Long.Min -23 Dec.Long -60.3858333

Lat.Sec 17 Long.Sec -9 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group, Grantmire

HostRocks Grey conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Conglomerate has calcareous matrix

Reference Oldale, H.R., 1967, A Centennial of Mining Exploration and Development-Coxheath Hills, Cape Breton: Transactions of Canadian Institute of Mining and Metallurgy, Vol. 70, p. 314-322.

DepositID 534 Cont NA NameDeposit Moredolphton Warehouse and

OtherNames

Includes

Country Code CNON Country Canada

Lat.Deg 46 Long.Deg -81 Dec.Lat 46.0655556 StateProvince Ontario

Lat.Min 3 Long.Min -47 Dec.Long -81.7852778

Lat.Sec 56 Long.Sec -7 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Paleozoic (Cambrian) Ma 540 Unit

HostRocks Quartz sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Pearson, W.N., 1978, Copper metallogeny, Lake Huron Area, Ontario:  
Geological Survey of Canada, Paper 78-1a, p. 263-268.

DepositID 535 Cont NA NameDeposit Carr Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0566667 StateProvince Nova Scotia

Lat.Min 3 Long.Min -21 Dec.Long -60.3519444

Lat.Sec 24 Long.Sec -7 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Personal Communication: Geological Survey of Canada, 1985.

DepositID 536 Cont NA NameDeposit Steele Crossing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0416667 StateProvince Nova  
Scotia

Lat.Min 2 Long.Min -28 Dec.Long -60.4666667

Lat.Sec 30 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu-Ag

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11k 01b,  
13-C-88.

DepositID 537 Cont NA NameDeposit Campbell's Brook

OtherNames

Includes Delhanty Brook

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -61 Dec.Lat 46.0366667 StateProvince Nova Scotia

Lat.Min 2 Long.Min -28 Dec.Long -61.4680556

Lat.Sec 12 Long.Sec -5 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Shale, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shaw, W.S., 1974, Cape Breton Mineral Resource Project: Safras Data File (1974), St Francis Xavier University.

DepositID 538 Cont NA NameDeposit Bois Dale

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0266667 StateProvince Nova Scotia

Lat.Min 1 Long.Min -26 Dec.Long -60.4447222

Lat.Sec 36 Long.Sec -41 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 320 Unit

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Ag-Zn-Cu

Reference Fletcher, H., 1900, Sydney Coal Field, Geological Survey of Canada  
Separate Rept 685.

DepositID 539 Cont NA NameDeposit Lewis Lake

OtherNames

Includes

Country Code CNON Country Canada

StateProvince Ontario

Lat.Deg 46 Long.Deg -81 Dec.Lat 46.0144444

Lat.Min 0 Long.Min -48 Dec.Long -81.8002778

Lat.Sec 52 Long.Sec -1 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Ordovician(?) Ma 470 Unit

HostRocks Dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Limited sulphides confined to small, sandy, dolomite-filled  
depreSandstoneions

Reference Pearson, W.N., 1978, Copper metallogeny, Lake Huron Area, Ontario:  
Geological Survey of Canada, Paper 78-1a, p. 263-268.

DepositID 540 Cont NA NameDeposit East Bay

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 46 Long.Deg -60 Dec.Lat 46.0008333 StateProvince Nova Scotia

Lat.Min 0 Long.Min -25 Dec.Long -60.4269444

Lat.Sec 3 Long.Sec -37 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 541 Cont NA NameDeposit Catalone Lake

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -59 Dec.Lat 45.9902778 StateProvince Nova Scotia

Lat.Min 59 Long.Min -59 Dec.Long -59.9913889

Lat.Sec 25 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 542 Cont NA NameDeposit Southwest Mabou River

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.99 StateProvince Nova Scotia

Lat.Min 59 Long.Min -24 Dec.Long -61.4147222

Lat.Sec 24 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 290 Unit

HostRocks Sandy limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 543 Cont NA NameDeposit Glen Morrison (gm-1)

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.9833333 StateProvince Nova Scotia

Lat.Min 58 Long.Min -19 Dec.Long -60.3166667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 544 Cont NA NameDeposit Christmas Island-1

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.9752778 StateProvince Nova Scotia

Lat.Min 58 Long.Min -44 Dec.Long -60.7391667

Lat.Sec 31 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 545 Cont NA NameDeposit Iona

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.9625 StateProvince Nova Scotia

Lat.Min 57 Long.Min -48 Dec.Long -60.8097222

Lat.Sec 45 Long.Sec -35 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 15 C, 27-Q-57.

DepositID 546 Cont NA NameDeposit Whycocomagh

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.9619444 StateProvince Nova Scotia

Lat.Min 57 Long.Min -6 Dec.Long -61.1011111

Lat.Sec 43 Long.Sec -4 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralization on Windsor-Horton contact

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 547 Cont NA NameDeposit Christmas Island-2

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.9619444 StateProvince Nova Scotia

Lat.Min 57 Long.Min -46 Dec.Long -60.7788889

Lat.Sec 43 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 548 Cont NA NameDeposit Dorchester

OtherNames Colonial Copper

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.9286111 StateProvince New Brunswick

Lat.Min 55 Long.Min -28 Dec.Long -64.4763889

Lat.Sec 43 Long.Sec -35 GeolProv 5221

OreMmt 2.3 CuGrade% 2 CoGrade% AgGradeppm

CuMmt .046

DepositType Redbed Cu

Age U. Carboniferous Ma 300 Unit Hopewell Grp.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn in overlying beds, native copper in underlying beds

Reference Brown, A.C., 1975, A study of stratiform copper deposits in Carboniferous strata of New Brunswick and Nova Scotia: Geological Survey of Canada, Report of Activities, Part A, Paper 75-1, p. 598-600.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 549 Cont NA NameDeposit Little Judique

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.9247222 StateProvince Nova  
Scotia

Lat.Min 55 Long.Min -26 Dec.Long -61.4372222

Lat.Sec 29 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 350 Unit Canso Group

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Cu

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11f 14c,  
27-J-63.

DepositID 550 Cont NA NameDeposit Salmon River

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.9125 StateProvince Nova Scotia

Lat.Min 54 Long.Min -18 Dec.Long -60.3080556

Lat.Sec 45 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 16 B, 13-O-28.

DepositID 551 Cont NA NameDeposit Ballantynes Cove

OtherNames

Includes

Country Code VCNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.8461111 StateProvince Nova Scotia

Lat.Min 50 Long.Min -55 Dec.Long -61.9180556

Lat.Sec 46 Long.Sec -5 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Devonian Ma 380 Unit Mcaras Brook Formation

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 552 Cont NA NameDeposit South Pugwash, no 3

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8280556 StateProvince Nova Scotia

Lat.Min 49 Long.Min -38 Dec.Long -63.635

Lat.Sec 41 Long.Sec -6 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Radioactivity associated with plant remains. Cu-U

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 553 Cont NA NameDeposit Hopewell Cape

OtherNames The Rocks

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.825 StateProvince New Brunswick

Lat.Min 49 Long.Min -34 Dec.Long -64.5816667

Lat.Sec 30 Long.Sec -54 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 320 Unit Demoiselle Creek beds,

HostRocks Stromatolitic and oolitic limestone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy chalcopyrite, sphalerite

TraceMinerals

Comments Also red bed Cu in area. Cu-Zn

Reference Kirkham, R.V., 1985, Base Metals in Upper Windsor (Codroy) Group oolitic and stromatolitic limestones in the Atlantic Provinces: *in* Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 554 Cont NA NameDeposit South Pugwash-1

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8225 StateProvince Nova  
Scotia

Lat.Min 49 Long.Min -39 Dec.Long -63.6611111

Lat.Sec 21 Long.Sec -40 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 3 areas, radioactivity associated with plant remains. Cu-U

Reference Brummer, J.J., 1958, Supergene copper-uranium deposits in Northern  
Nova Scotia: Economic Geology, Vol. 53, p. 309-324.

DepositID 555 Cont NA NameDeposit South Pugwash-2

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8194444 StateProvince Nova  
Scotia

Lat.Min 49 Long.Min -41 Dec.Long -63.6863889

Lat.Sec 10 Long.Sec -11 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Radioactivity assoc with plant remains. Cu-U

Reference Brummer, J.J., 1958, Supergene copper-uranium deposits in Northern  
Nova Scotia: Economic Geology, Vol. 53, p. 309-324.

DepositID 556 Cont NA NameDeposit Rockley

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8183333 StateProvince Nova Scotia

Lat.Min 49 Long.Min -45 Dec.Long -63.7538889

Lat.Sec 6 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, 1982, Esso Minerals Canada, Company Files.

DepositID 557 Cont NA NameDeposit Garbarus Lake

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.8166667 StateProvince Nova  
Scotia

Lat.Min 49 Long.Min -13 Dec.Long -60.2166667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn

Reference Shaw, W.S., 1974, Cape Breton Mineral Resource Project: Safras Data  
File (1974), St Francis Xavier University.

DepositID 558 Cont NA NameDeposit Treen Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8094444 StateProvince Nova Scotia

Lat.Min 48 Long.Min -17 Dec.Long -63.2961111

Lat.Sec 34 Long.Sec -46 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Boss Point Fm., RiverDale

HostRocks Greyish sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 559 Cont NA NameDeposit Johnstown

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.805 StateProvince Nova Scotia

Lat.Min 48 Long.Min -43 Dec.Long -60.7213889

Lat.Sec 18 Long.Sec -17 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shaw, W.S., 1974, Cape Breton Mineral Resource Project: Safras Data File (1974), St Francis Xavier University.

DepositID 560 Cont NA NameDeposit Malagash Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.8038889 StateProvince Nova  
Scotia

Lat.Min 48 Long.Min -14 Dec.Long -63.2397222

Lat.Sec 14 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Greenish-grey coarse sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin On the ores of copper in the Province of Nova  
Scotia, New Brunswick and Quebec: Geological Survey of Canada  
Publication, No. 882.

DepositID 561 Cont NA NameDeposit Malagash (north shore)

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7988889 StateProvince Nova  
Scotia

Lat.Min 47 Long.Min -20 Dec.Long -63.3486111

Lat.Sec 56 Long.Sec -55 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit RiverDale

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ponsford, M., 1984, Metallic mineral occurrences map and data compilation Central Nova Scotia-Map Sheets 11d and 11e: Nova Scotia Department of Mines and Energy, Open-File 599.

DepositID 562 Cont NA NameDeposit McIntyre Lake

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.79 StateProvince Nova Scotia

Lat.Min 47 Long.Min -15 Dec.Long -60.2563889

Lat.Sec 24 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 290 Unit

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-Zn-Fe

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 563 Cont NA NameDeposit Lakevale

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.7866667 StateProvince Nova Scotia

Lat.Min 47 Long.Min -54 Dec.Long -61.9102778

Lat.Sec 12 Long.Sec -37 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 564 Cont NA NameDeposit Kerrs Mills

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7727778 StateProvince Nova Scotia

Lat.Min 46 Long.Min -34 Dec.Long -63.5705556

Lat.Sec 22 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 14b, 13-E-47, Copper, Wallace, Cumberland County.

DepositID 565 Cont NA NameDeposit Malagash centre

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7694444 StateProvince Nova  
Scotia

Lat.Min 46 Long.Min -19 Dec.Long -63.3233333

Lat.Sec 10 Long.Sec -24 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mined for Cu prior to 1890 but no production figures given.

Reference Fletcher, H., 1892, Report on geological surveys and explorations in the counties of Pictou and Colchester, Nova Scotia: Geological Survey of Canada Annual Report (1890-91), Vol. 5, Part 2, Part p.

DepositID 566 Cont NA NameDeposit Goshen

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -65 Dec.Lat 45.7666667 StateProvince New Brunswick

Lat.Min 46 Long.Min -10 Dec.Long -65.1666667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Moncton Group

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Anon, New Brunswick Department of Natural Resources Report 138.

DepositID 567 Cont NA NameDeposit Canfield Dome

OtherNames

Includes Chisholm Brook

Country Code CNDA Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7666667 StateProvince Nova Scotia

Lat.Min 46 Long.Min -40 Dec.Long -63.6666667

Lat.Sec Long.Sec GeolProv

OreMmt 0.3 CuGrade% 1.2 CoGrade% AgGradeppm

CuMmt .0036

DepositType Redbed Cu

Age U. Carboniferous Ma 300 Unit Pictou Grp.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite

TraceMinerals

Comments

Reference Ryan, R.J., Boehmer, R.C., Stea, R.R., and Rogers, P.J., 1989, Geology, geochemistry, and exploration applications for the Permo-Carboniferous redbed copper deposits of the Cumberland Basin, Nova Scotia, Canada *in* Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., *Sediment-hosted Stratiform Copper Deposits: Geological Association of Canada Special Paper 36*, p. 245-256.

Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 568 Cont NA NameDeposit Waterside

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.7527778 StateProvince Nova Scotia

Lat.Min 45 Long.Min -46 Dec.Long -62.7830556

Lat.Sec 10 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 15b, 13-M-33.

DepositID 569 Cont NA NameDeposit King mine

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.7505556

StateProvince Nova  
Scotia

Lat.Min 45

Long.Min -10

Dec.Long -63.17

Lat.Sec 2

Long.Sec -12

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290 Unit Pictou Group

HostRocks Grey slaty sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments In 1899 shaft sunk to 40 feet with 30-ft drift. Cu-U-Ag

Reference Goudge, M.G., 1947, Report on the metalliferous mines, Nova Scotia Dept Mines: Annual Report (1946).

DepositID 570 Cont NA NameDeposit Caribou River

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.7505556 StateProvince Nova Scotia

Lat.Min 45 Long.Min -48 Dec.Long -62.8041667

Lat.Sec 2 Long.Sec -15 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Explored by several pits - one said to be 90 feet deep.

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 571 Cont NA NameDeposit Riverside mine

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7497222 StateProvince Nova  
Scotia

Lat.Min 44 Long.Min -50 Dec.Long -63.8452778

Lat.Sec 59 Long.Sec -43 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 12c,  
13-E-23.

DepositID 572 Cont NA NameDeposit Grant Brook

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.7405556

StateProvince Nova  
Scotia

Lat.Min 44

Long.Min -34

Dec.Long -63.5730556

Lat.Sec 26

Long.Sec -23

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290 Unit Boss Point Formation,

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Two occurrences 1.75 km apart along west to east flowing Grant Brook

Reference Ponsford, M., 1984, Metallic mineral occurrences map and data compilation Central Nova Scotia-Map Sheets 11d and 11e: Nova Scotia Department of Mines and Energy, Open-File 599.

DepositID 573 Cont NA NameDeposit Big Marsh

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.7394444 StateProvince Nova  
Scotia

Lat.Min 44 Long.Min 0 Dec.Long -62.0055556

Lat.Sec 22 Long.Sec -20 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Associated with Windsor-Horton contact.

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous  
Sedimentary Rocks of the Maritime Provinces: Geological Survey of  
Canada, Open-File 281, 156 p.

DepositID 574 Cont NA NameDeposit Blockhouse Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7383333 StateProvince Nova  
Scotia

Lat.Min 44 Long.Min -20 Dec.Long -63.3388889

Lat.Sec 18 Long.Sec -20 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 575 Cont NA NameDeposit Nappan

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.7333333 StateProvince Nova Scotia

Lat.Min 43 Long.Min -15 Dec.Long -64.25

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Cumberland Group

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sandstone contains considerable carbonized plant remains. Contains Pb-Au-Ag

Reference Dawson, G.M., 1898, Operations of the Geological Survey for 1897: Geological Survey of Canada Summary Rept, Vol. 10, Part A.

DepositID 576 Cont NA NameDeposit Knoydart Point and Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.7219444 StateProvince Nova  
Scotia

Lat.Min 43 Long.Min -14 Dec.Long -62.2358333

Lat.Sec 19 Long.Sec -9 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Mississippian Ma 350 Unit Ardness Formation, Canso

HostRocks Shale limy sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralization concentrated in bed 1 foot thick. Cu-Pb-Zn-As-Ag

Reference Wiese, R.G., 1957, An occurrence of mineralized organic material in Nova  
Scotia: Economic Geology, Vol. 52, No. 1.

DepositID 577 Cont NA NameDeposit French River mouth

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7191667 StateProvince Nova Scotia

Lat.Min 43 Long.Min -18 Dec.Long -63.3016667

Lat.Sec 9 Long.Sec -6 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 578 Cont NA NameDeposit Fleming Brook mine

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.7186111 StateProvince Nova Scotia

Lat.Min 43 Long.Min -33 Dec.Long -63.5611111

Lat.Sec 7 Long.Sec -40 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Blue-grey shale, silty shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 579 Cont NA NameDeposit Soldier Cove north

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.7166667 StateProvince Nova Scotia

Lat.Min 43 Long.Min -44 Dec.Long -60.7466667

Lat.Sec 0 Long.Sec -48 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-FI

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 580 Cont NA NameDeposit Tatamagouche

OtherNames

Includes Woodlock Brook prospect

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6963889 StateProvince Nova Scotia

Lat.Min 41 Long.Min -16 Dec.Long -63.2805556

Lat.Sec 47 Long.Sec -50 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Ponsford, M., 1984, Metallic Mineral Occurrences Map and Data  
Compilation Central Nova Scotia-Map Sheets 11d and 11e: Nova Scotia  
Department of Mines and Energy, Open-File 599.

DepositID 581      Cont NA      NameDeposit River john (east branch)  
 OtherNames  
 Includes  
 Country Code CNNS      Country Canada  
 Lat.Deg 45      Long.Deg -63      Dec.Lat 45.6955556      StateProvince Nova Scotia  
 Lat.Min 41      Long.Min -2      Dec.Long -63.0472222  
 Lat.Sec 44      Long.Sec -50      GeolProv  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt

DepositType Redbed Cu  
 Age Upper Carboniferous      Ma 290      Unit Pictou Group

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 582 Cont NA NameDeposit Biz Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6952778 StateProvince Nova Scotia

Lat.Min 41 Long.Min -10 Dec.Long -63.1691667

Lat.Sec 43 Long.Sec -9 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments U-Cu

Reference Dunsmore, H.E., 1977, A new genetic model for uranium-copper mineralization, Permo-Carboniferous Basin, Northern Nova Scotia: in Report of Activities, Part B, Geological Survey of Canada, Paper 77-1b, p. 247-253.

DepositID 583 Cont NA NameDeposit Bear Cove

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -60 Dec.Lat 45.6944444 StateProvince Nova  
Scotia

Lat.Min 41 Long.Min -21 Dec.Long -60.3558333

Lat.Sec 40 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous  
Sedimentary Rocks of the Maritime Provinces: Geological Survey of  
Canada, Open-File 281, 156 p.

DepositID 584 Cont NA NameDeposit Scotch Hill

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6930556 StateProvince Nova Scotia

Lat.Min 41 Long.Min -49 Dec.Long -62.8288889

Lat.Sec 35 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Riverdale Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 16 B, 13-O-28.

DepositID 585 Cont NA NameDeposit Midway Copper Belt-occ 7

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.6919444 StateProvince New Brunswick

Lat.Min 41 Long.Min -44 Dec.Long -64.7416667

Lat.Sec 31 Long.Sec -30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurrences along regressive transition from marine to continental rocks

Reference Potter, R.R., 1967, Metallogenic investigations Kennebecasis Zone (2): Geological Investigations in New Brunswick, New Brunswick Department of Natural Resources, Information Circular 67-1.

DepositID 586 Cont NA NameDeposit Feeley mine

OtherNames

Includes Wentworth

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.69 StateProvince Nova Scotia

Lat.Min 41 Long.Min -33 Dec.Long -63.5522222

Lat.Sec 24 Long.Sec -8 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Grey sandstone, grey-green siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

Dunsmore, H.E., 1977, A New Genetic Model for Uranium-Copper Mineralization, Permo-Carboniferous Basin, Northern Nova Scotia: in Report of Activities, Part B, Geological Survey of Canada, Paper 77-1b, p. 247-253.

DepositID 587 Cont NA NameDeposit Cape Jack

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.6888889 StateProvince Nova  
Scotia

Lat.Min 41 Long.Min -33 Dec.Long -61.5619444

Lat.Sec 20 Long.Sec -43 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone, sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu

Reference Benson, D.G., 1970, Notes To Accompany Geological Map of Antigonish and Cape George Map-Areas, Nova Scotia: Geological Survey of Canada, Paper 70-8, 2 p.

DepositID 588 Cont NA NameDeposit Matheson prospect

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6875 StateProvince Nova Scotia

Lat.Min 41 Long.Min -14 Dec.Long -63.2386111

Lat.Sec 15 Long.Sec -19 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Conglomerate, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 589 Cont NA NameDeposit New Horton mine

OtherNames

Includes

Country Code CNNB

Country Canada

Lat.Deg 45

Long.Deg -64

Dec.Lat 45.6866667

StateProvince New

Brunswick

Lat.Min 41

Long.Min -42

Dec.Long -64.7113889

Lat.Sec 12

Long.Sec -41

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous

Ma 320

Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag-Au-Sn occurrences along regressive transition from marine to continental rocks. 50 tons ore shipped pre 1898.

Reference Ball, F.D., and Gemmell, D.E., 1975, Dorchester Mines: Carboniferous Compilation, Vol. 4 (Uranium and Base Metals), New Brunswick Mineral Resources Branch, Topical Report 75-22.

Wright, W.J., 1951, New Horton copper deposits: New Brunswick Department of Lands and Mines Paper 51-2.

DepositID 590 Cont NA NameDeposit Mine hole Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6797222 StateProvince Nova Scotia

Lat.Min 40 Long.Min -14 Dec.Long -63.2472222

Lat.Sec 47 Long.Sec -50 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 591 Cont NA NameDeposit Black River-1

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.6902778 StateProvince Nova Scotia

Lat.Min 41 Long.Min -7 Dec.Long -61.1291667

Lat.Sec 25 Long.Sec -45 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Cu-Zn

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 11 D, 27-O-3, Lead, Black River, Richmond County.

DepositID 592 Cont NA NameDeposit Black River-2

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6772222 StateProvince Nova Scotia

Lat.Min 40 Long.Min -12 Dec.Long -63.21

Lat.Sec 38 Long.Sec -36 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U. 240 tons of ore avg 3.35% Cu was shipped 1907-1908

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 11c, 13-D-45, Tatamagouche.

DepositID 593 Cont NA NameDeposit Balfron

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.6736111

StateProvince Nova  
Scotia

Lat.Min 40

Long.Min -13

Dec.Long -63.2247222

Lat.Sec 25

Long.Sec -29

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290

Unit Pictou Group

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

Dunsmore, H.E., 1977, A new genetic model for uranium-copper mineralization, Permo-Carboniferous Basin, Northern Nova Scotia: in Report of Activities, Part B, Geological Survey of Canada, Paper 77-1b, p. 247-253.

DepositID 594 Cont NA NameDeposit Midway Copper Belt-shaft no 1

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.6725 StateProvince New Brunswick

Lat.Min 40 Long.Min -47 Dec.Long -64.7852778

Lat.Sec 21 Long.Sec -7 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurrences along regressive transition from marine to continental rocks

Reference Potter, R.R., 1967, Metallogenic investigations Kennebecasis Zone (2): Geological Investigations in New Brunswick, New Brunswick Department of Natural Resources, Information Circular 67-1.

DepositID 595 Cont NA NameDeposit Midway Copper Belt-pit 3

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.67 StateProvince New Brunswick

Lat.Min 40 Long.Min -47 Dec.Long -64.7897222

Lat.Sec 12 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag-Au occurrences along regressive transition from marine to continental rocks

Reference Potter, R.R., 1967, Metallogenic investigations Kennebecasis Zone (2): Geological Investigations in New Brunswick, New Brunswick Department of Natural Resources, Information Circular 67-1.

DepositID 596 Cont NA NameDeposit Cape Blue

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.6688889 StateProvince Nova Scotia

Lat.Min 40 Long.Min -35 Dec.Long -61.5919444

Lat.Sec 8 Long.Sec -31 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments Cu-Pb

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 597 Cont NA NameDeposit Oliver

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.6683333

StateProvince Nova  
Scotia

Lat.Min 40

Long.Min -19

Dec.Long -63.3219444

Lat.Sec 6

Long.Sec -19

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290

Unit Pictou Group

HostRocks Grey sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments In 1877 18.5 tons ore shipped, several prospects

Reference Bancroft, M.F., 1944, Copper deposits Wentworth District Nova Scotia:  
Nova Scotia Department of Mines, Annual Report (1943), p. 94-105.

Messervey, J.P., 1929, Copper in Nova Scotia: Nova Scotia Department of  
Mines, Pamphlet No. 7.

DepositID 598 Cont NA NameDeposit Palmer mine

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6672222 StateProvince Nova  
Scotia

Lat.Min 40 Long.Min -36 Dec.Long -63.605

Lat.Sec 2 Long.Sec -18 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Grey shales

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Messervey, J.P., 1929, Copper in Nova Scotia: Nova Scotia Department of  
Mines, Pamphlet No. 7.

DepositID 599 Cont NA NameDeposit Oliver-no 1

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.6622222

StateProvince Nova  
Scotia

Lat.Min 39

Long.Min -19

Dec.Long -63.3258333

Lat.Sec 44

Long.Sec -33

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290

Unit Pictou Group

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks Conglomerate

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 600 Cont NA NameDeposit Yellow Brook

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -63

Dec.Lat 45.6608333

StateProvince Nova  
Scotia

Lat.Min 39

Long.Min -11

Dec.Long -63.1877778

Lat.Sec 39

Long.Sec -16

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous

Ma 290 Unit Pictou Group

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ponsford, M., 1984, Metallic mineral occurrences map and data compilation Central Nova Scotia-Map Sheets 11d and 11e: Nova Scotia Department of Mines and Energy, Open-File 599.

DepositID 601 Cont NA NameDeposit Midway Copper Belt-pit 2

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.6566667 StateProvince New Brunswick

Lat.Min 39 Long.Min -48 Dec.Long -64.8016667

Lat.Sec 24 Long.Sec -6 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag occurrences along regressive transition from marine to continental rocks

Reference Wright, W.J., 1951, New Horton copper deposits: New Brunswick Department of Lands and Mines Paper 51-2.

DepositID 602 Cont NA NameDeposit Scotsburn Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6561111 StateProvince Nova  
Scotia

Lat.Min 39 Long.Min -52 Dec.Long -62.8786111

Lat.Sec 22 Long.Sec -43 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit River Dale Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 10 C,  
13-M-20, Copper, Plainfield, Pictou County.

DepositID 603 Cont NA NameDeposit Balmoral Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6522222 StateProvince Nova Scotia

Lat.Min 39 Long.Min -13 Dec.Long -63.2202778

Lat.Sec 8 Long.Sec -13 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 11c, 13-D-45, Copper, Tatamagouche, Colchester County.

DepositID 604 Cont NA NameDeposit Midway Copper Belt-pit 1

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.6513889 StateProvince New Brunswick

Lat.Min 39 Long.Min -48 Dec.Long -64.8097222

Lat.Sec 5 Long.Sec -35 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurrences along regressive transition from marine to continental rocks

Reference Boyd, R.T., 1978, Gulf Minerals Canada Limited report on the Midway Claims Albert County New Brunswick: New Brunswick Mineral Resources Branch Assessment File No. 472197.

DepositID 605 Cont NA NameDeposit Little Ridge-pit 13

OtherNames

Includes

Country Code CNNB Country Canada

Lat.Deg 45 Long.Deg -64 Dec.Lat 45.6472222 StateProvince New Brunswick

Lat.Min 38 Long.Min -44 Dec.Long -64.7372222

Lat.Sec 50 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 320 Unit Maringouin, Sherpody

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurrences along regressive transition from marine to continental rocks

Reference Wright, W.J., 1951, New Horton copper deposits: New Brunswick Department of Lands and Mines Paper 51-2.

DepositID 606 Cont NA NameDeposit Lower North Grant

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.6469444 StateProvince Nova Scotia

Lat.Min 38 Long.Min -59 Dec.Long -61.9902778

Lat.Sec 49 Long.Sec -25 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 607 Cont NA NameDeposit Oliver south

OtherNames

Includes Central New Annan

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6455556 StateProvince Nova Scotia

Lat.Min 38 Long.Min -18 Dec.Long -63.3133333

Lat.Sec 44 Long.Sec -48 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Pictou Group

HostRocks Grey sandstone, conglomerate, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 608 Cont NA NameDeposit Plainfield Brook

OtherNames

Includes

Country Code Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6341667 StateProvince Nova Scotia

Lat.Min 38 Long.Min -57 Dec.Long -62.9572222

Lat.Sec 3 Long.Sec -26 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Devonian Ma 370 Unit Falls Formation

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 10 C, 13-M-20, Copper, Plainfield, Pictou County.

DepositID 609 Cont NA NameDeposit Willies Brook

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6338889 StateProvince Nova Scotia

Lat.Min 38 Long.Min -3 Dec.Long -62.05

Lat.Sec 2 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Devonian-Carboniferous Ma 290 Unit

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 610 Cont NA NameDeposit Rights River-main showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6333333 StateProvince Nova Scotia

Lat.Min 37 Long.Min -1 Dec.Long -62.02

Lat.Sec 60 Long.Sec -12 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Dark grey limestone, green conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 611 Cont NA NameDeposit Durham

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6322222 StateProvince Nova  
Scotia

Lat.Min 37 Long.Min -47 Dec.Long -62.7955556

Lat.Sec 56 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Possibly Boss Point Fm.,

HostRocks Greenish grey conglom, red sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 612 Cont NA NameDeposit East Wallace River

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.6319444 StateProvince Nova Scotia

Lat.Min 37 Long.Min -31 Dec.Long -63.5222222

Lat.Sec 55 Long.Sec -20 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Upper Carboniferous Ma 290 Unit Boss Point Fm.

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Shumway, G., 1951, Sedimentary copper, Tatamagouche Area, Nova Scotia: Massachusetts Institute of Technology, Unpublished M.Sc. thesis.

DepositID 613 Cont NA NameDeposit Rights River-railway showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6294444 StateProvince Nova  
Scotia

Lat.Min 37 Long.Min -2 Dec.Long -62.0333333

Lat.Sec 46 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Conglomerate, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous  
Sedimentary Rocks of the Maritime Provinces: Geological Survey of  
Canada, Open-File 281, 156 p.

DepositID 614 Cont NA NameDeposit Keaton Point

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.6263889 StateProvince Nova Scotia

Lat.Min 37 Long.Min -23 Dec.Long -61.3891667

Lat.Sec 35 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 615 Cont NA NameDeposit Brierly Brook-2

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.6122222 StateProvince Nova Scotia

Lat.Min 36 Long.Min -3 Dec.Long -62.0625

Lat.Sec 44 Long.Sec -45 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Argillaceous limestone, grey-red boulder congl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 616 Cont NA NameDeposit Monastery

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5972222 StateProvince Nova  
Scotia

Lat.Min 35 Long.Min -38 Dec.Long -61.6455556

Lat.Sec 50 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Sandstone, limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Cu

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 12 A,  
07-B-34, Base Metals, Meadows Brook, Antigonish County.

DepositID 617 Cont NA NameDeposit Telford

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5811111 StateProvince Nova Scotia

Lat.Min 34 Long.Min -29 Dec.Long -62.4891667

Lat.Sec 52 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Carboniferous Ma 340 Unit Canso Group

HostRocks Greywacke, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu-Fe

Reference Benson, D.G., 1965, Merigomish (11 E/9) Map-Area: in Report of Activities: Field, 1964, Geological Survey of Canada, Paper 65-1, p. 125.

DepositID 618 Cont NA NameDeposit James River station

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5777778 StateProvince Nova  
Scotia

Lat.Min 34 Long.Min -7 Dec.Long -62.1205556

Lat.Sec 40 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Mississippian Ma 350 Unit Windsor Group

HostRocks Argillaceous limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn-Pb

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous sedimentary rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 619 Cont NA NameDeposit Pomquet River

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -61

Dec.Lat 45.5705556

StateProvince Nova  
Scotia

Lat.Min 34

Long.Min -49

Dec.Long -61.8319444

Lat.Sec 14

Long.Sec -55

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous

Ma 350 Unit Windsor Group

HostRocks Mottled pale to dark brown oolitic limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 620 Cont NA NameDeposit Steep Creek

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5661111 StateProvince Nova Scotia

Lat.Min 33 Long.Min -21 Dec.Long -61.3544444

Lat.Sec 58 Long.Sec -16 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 621 Cont NA NameDeposit Glen Road

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5511111 StateProvince Nova  
Scotia

Lat.Min 33 Long.Min -1 Dec.Long -62.0275

Lat.Sec 4 Long.Sec -39 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Carboniferous Ma 290 Unit MaCumber Formation,

HostRocks Green conglomerate, breccia, anhydrite, gypsum

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Zn-Pb-Ag

Reference Boehner, R., 1985, Nova Scotia Department of Mines: Personal  
Communication

DepositID 622 Cont NA NameDeposit Meadow Green

OtherNames Kennco hole 6

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5511111 StateProvince Nova  
Scotia

Lat.Min 33 Long.Min -48 Dec.Long -61.8136111

Lat.Sec 4 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Benson, D.G., 1970, Notes To accompany geological map of Antigonish and Cape George Map-Areas, Nova Scotia: Geological Survey of Canada, Paper 70-8, 2 p.

DepositID 623 Cont NA NameDeposit Limerock

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.55 StateProvince Nova Scotia

Lat.Min 32 Long.Min -51 Dec.Long -62.85

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit Windsor Group

HostRocks Dark grey fenestral and black fossiliferous ls

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 624 Cont NA NameDeposit Union Centre

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -62

Dec.Lat 45.5483333

StateProvince Nova  
Scotia

Lat.Min 32

Long.Min -45

Dec.Long -62.7547222

Lat.Sec 54

Long.Sec -17

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Mississippian

Ma 340 Unit Cumberland Group

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fletcher, H., 1892, Report on geological surveys and explorations in the Counties of Pictou and Colchester, Nova Scotia: Geological Survey of Canada Annual Report (1890-91), Vol. 5, Part 2, Part p.

DepositID 625 Cont NA NameDeposit St Joseph

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5419444 StateProvince Nova  
Scotia

Lat.Min 32 Long.Min -5 Dec.Long -62.0972222

Lat.Sec 31 Long.Sec -50 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 350 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fletcher, H., 1887, Report on geological surveys and explorations in the Counties of Guysborough, Antigonish, Pictou, Colchester and Halifax Nova Scotia: Geological Survey of Canada Annual Report (1886), Vol. 2, Part p.

Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 626 Cont NA NameDeposit Mclellan Brook

OtherNames Stewart Brook

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5383333 StateProvince Nova Scotia

Lat.Min 32 Long.Min -35 Dec.Long -62.5969444

Lat.Sec 18 Long.Sec -49 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit Windsor Group

HostRocks Dark grey oolitic and stromatolitic limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 627 Cont NA NameDeposit Pitchers Farm-1

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5372222 StateProvince Nova  
Scotia

Lat.Min 32 Long.Min -59 Dec.Long -61.9847222

Lat.Sec 14 Long.Sec -5 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Carboniferous Ma 290 Unit Canso Group

HostRocks Sandstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 12 B,  
13-B-30, Copper, Pitchers Farm, Antigonish County.

DepositID 628 Cont NA NameDeposit Pitchers Farm-2

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5344444 StateProvince Nova  
Scotia

Lat.Min 32 Long.Min -57 Dec.Long -61.9622222

Lat.Sec 4 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Carboniferous Ma 290 Unit Canso Group

HostRocks Shale, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 12 C,  
13-B-30 (01)

DepositID 629 Cont NA NameDeposit Mcpherson

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.5283333 StateProvince Nova  
Scotia

Lat.Min 31 Long.Min -54 Dec.Long -61.9069444

Lat.Sec 42 Long.Sec -25 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Benson, D.G., 1970, Notes To accompany geological map of Antigonish and Cape George Map-Areas, Nova Scotia: Geological Survey of Canada, Paper 70-8, 2 p.

DepositID 630 Cont NA NameDeposit Mclellan Brook holes 1 2 and 3

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5244444 StateProvince Nova  
Scotia

Lat.Min 31 Long.Min -36 Dec.Long -62.6138889

Lat.Sec 28 Long.Sec -50 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit Windsor Group

HostRocks Oolitic limestone, stromatolitic limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 631 Cont NA NameDeposit Churchville Road

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5094444 StateProvince Nova  
Scotia

Lat.Min 30 Long.Min -38 Dec.Long -62.6480556

Lat.Sec 34 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit Windsor Group

HostRocks Black and dark grey oolitic limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Zn-Cu

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 632 Cont NA NameDeposit Ohio

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -62

Dec.Lat 45.5091667

StateProvince Nova  
Scotia

Lat.Min 30

Long.Min -4

Dec.Long -62.0772222

Lat.Sec 33

Long.Sec -38

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous

Ma 350

Unit Windsor group

HostRocks Limestone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Limestone sequence may be marginal basin beds from higher in the Windsor Grp. Contains Pb

Reference Boehner, R.C., 1982, Geological Map of the Antigonish Basin, Nova Scotia: Joint-Nova Scotia Department of Mines and Energy and Canada Department of Regional Economic Expansion, Scale 1 To 50 000.

DepositID 633 Cont NA NameDeposit Eureka

OtherNames Ferrona Junction

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.5030556 StateProvince Nova Scotia

Lat.Min 30 Long.Min -40 Dec.Long -62.6788889

Lat.Sec 11 Long.Sec -44 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Carboniferous Ma 350 Unit Windsor Group

HostRocks Crystalline dolomite, dolomitic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Ag

Reference Kirkham, R.V., 1985, Base metals in Upper Windsor (Codroy) Group Oolitic and stromatolitic limestones in the Atlantic Provinces: in Current Research, Part A, Geological Survey of Canada, Paper 85-1a, p. 573-585.

DepositID 634 Cont NA NameDeposit Hopewell

OtherNames

Includes

Country Code CNNS

Country Canada

Lat.Deg 45

Long.Deg -62

Dec.Lat 45.4822222

StateProvince Nova  
Scotia

Lat.Min 28

Long.Min -39

Dec.Long -62.665

Lat.Sec 56

Long.Sec -54

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Mississippian

Ma 350 Unit Windsor Group

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Ells, R.W., 1904, Bulletin on the ores of copper in the Province of Nova Scotia, New Brunswick and Quebec: Geological Survey of Canada Publication, No. 882.

DepositID 635 Cont NA NameDeposit Springhill

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.4608333 StateProvince Nova  
Scotia

Lat.Min 27 Long.Min -36 Dec.Long -62.6105556

Lat.Sec 39 Long.Sec -38 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous  
Sedimentary Rocks of the Maritime Provinces: Geological Survey of  
Canada, Open-File 281, 156 p.

DepositID 636 Cont NA NameDeposit Guysborough area 2-03-k

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.4411111 StateProvince Nova Scotia

Lat.Min 26 Long.Min -40 Dec.Long -61.67

Lat.Sec 28 Long.Sec -12 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Devonian-Carboniferous Ma 360 Unit

HostRocks Slate, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 5 D, 13-G-19.

DepositID 637 Cont NA NameDeposit Guysborough area 2-03-f

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.4388889 StateProvince Nova Scotia

Lat.Min 26 Long.Min -34 Dec.Long -61.5677778

Lat.Sec 20 Long.Sec -4 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Devonian-Carboniferous Ma 360 Unit

HostRocks Slate, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 5 D, 13-G-19.

DepositID 638 Cont NA NameDeposit Lochaber Lake

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.4041667 StateProvince Nova Scotia

Lat.Min 24 Long.Min -03 Dec.Long -62.05

Lat.Sec 15 Long.Sec 00 GeolProv 5219

OreMmt 5 CuGrade% 0.33 CoGrade% AgGradeppm  
CuMmt .0165

DepositType Reduced facies Cu

Age Devonian Ma 380 Unit Knoydart Fm.

HostRocks Siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Pb, Zn

Reference Benson, D.G., 1974, Geology of the Antigonish Highlands and Cape George Map Areas, Nova Scotia: Geological Survey of Canada Memoir 376, 90 p.

Kirkham, R.V., Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

DepositID 639 Cont NA NameDeposit Elgin, Black Rock

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -62 Dec.Lat 45.4 StateProvince Nova Scotia

Lat.Min 23 Long.Min -37 Dec.Long -62.6330556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Mississippian Ma 350 Unit Windsor Group

HostRocks Argillacious limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11e 7d, 13-M-06.

DepositID 640 Cont NA NameDeposit Guysborough area 2-03-abcd

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -61 Dec.Lat 45.3763889 StateProvince Nova Scotia

Lat.Min 22 Long.Min -35 Dec.Long -61.5886111

Lat.Sec 35 Long.Sec -19 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Devonian-Carboniferous Ma 360 Unit

HostRocks Slate, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 F 5 D, 13-G-19.

DepositID 641 Cont NA NameDeposit South March-3

OtherNames

Includes

Country Code CNON

Country Canada

StateProvince Ontario

Lat.Deg 45 Long.Deg -75 Dec.Lat 45.3744444

Lat.Min 22 Long.Min -58 Dec.Long -75.9708333

Lat.Sec 28 Long.Sec -15 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Palaeozoic (Ordovician) Ma 470 Unit March Fm.

HostRocks Sandstone, sandy dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Charbonneau, B.W., Jonasson, I.R. and Ford, K.L., 1975, Cu-U mineralization in the March Formation, Paleozoic rocks of the Ottawa-St.Lawrence Lowlands: in Report of Activities, April To October 1974, Geological Survey of Canada, Paper 75-1 Part A, p. 229.

DepositID 642 Cont NA NameDeposit South March-1

OtherNames

Includes South March-2

Country Code CNON Country Canada

StateProvince Ontario

Lat.Deg 45 Long.Deg -75 Dec.Lat 45.35

Lat.Min 21 Long.Min -55 Dec.Long -75.9330556

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Paleozoic (Ordovician) Ma 470 Unit March Fm.

HostRocks Sandstone, sandy dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Steacy, H.R., 1973, Mineralogical notes on the uranium occurrences at South March and Eldorado, Ontario: Geological Survey of Canada, Paper 73-1b, p. 103-105.

Charbonneau, B.W., Jonasson, I.R. and Ford, K.L., 1975, Cu-U mineralization in the March Formation, Paleozoic rocks of the Ottawa-St.Lawrence Lowlands: in Report of Activities, April To October 1974, Geological Survey of Canada, Paper 75-1 Part A, p.

DepositID 643 Cont NA NameDeposit Brookfield copper showing

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.2755556 StateProvince Nova Scotia

Lat.Min 16 Long.Min -13 Dec.Long -63.2183333

Lat.Sec 32 Long.Sec -6 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Carboniferous Ma 290 Unit Windsor Group

HostRocks Carbonaceous limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Binney, W.P., 1975, Copper occurrences in Lower Carboniferous Sedimentary Rocks of the Maritime Provinces: Geological Survey of Canada, Open-File 281, 156 p.

DepositID 644 Cont NA NameDeposit Middle Stewiacke

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 45 Long.Deg -63 Dec.Lat 45.1947222 StateProvince Nova  
Scotia

Lat.Min 11 Long.Min -11 Dec.Long -63.1977778

Lat.Sec 41 Long.Sec -52 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Carboniferous (Pennsylvanian) Ma 290 Unit Scotch Village Formation

HostRocks Sandstone, arkose, greywacke, quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Pb-Zn-Cu-Fl-Ba

Reference Anon, Nova Scotia Department of Mines, Assessment File, 11 E 3 D,  
27-D-43, Lead, Stewiacke, Colchester County.

DepositID 645 Cont NA NameDeposit Pope-Shenon

OtherNames

Includes

Country Code USID Country United States

StateProvince Idaho

Lat.Deg 45 Long.Deg -113 Dec.Lat 45.0666667

Lat.Min 4 Long.Min -50 Dec.Long -113.849722

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Middle Proterozoic (Helikian) Ma 1400 Unit Belt Supergroup, Nellie

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kinkle, A.R., 1962, Copper in the United States: U.S. Geological Survey, Mineral Investigations Resource Map Mr-13.

DepositID 646 Cont NA NameDeposit Sloop Cove

OtherNames

Includes

Country Code CNNS Country Canada

Lat.Deg 44 Long.Deg -66 Dec.Lat 44.6863889 StateProvince Nova Scotia

Lat.Min 41 Long.Min -52 Dec.Long -66.8730556

Lat.Sec 11 Long.Sec -23 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Triassic Ma 230 Unit Annapolis Formation

HostRocks Grey green and red shales, gypsum, anhydrite

HangingwallBeds Basalt

FootwallRocks

Mineralogy Native copper

TraceMinerals

Comments Top 6m of shale unit has Cu grades up to 10% locally, avg 0.1% over large area

Reference Carroll, B.M.W., 1977, Mineral occurrences in New Brunswick, N.T.S. 11-1, 21b/10, 15, 21g/01 To 21g/02e: New Brunswick Open-File Report 77-01, 155 p.

DepositID 647 Cont NA NameDeposit Hot Brook Canyon

OtherNames

Includes

Country Code USSD Country United States

Lat.Deg 43 Long.Deg -103 Dec.Lat 43.4333333 StateProvince South  
Dakota

Lat.Min 25 Long.Min -30 Dec.Long -103.5

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Reduced facies Cu

Age Pennsylvanian Ma 300 Unit Minnelusa Fm.

HostRocks Black sapropelic shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu, Mo, Zn

Reference Davidson, D.F., 1961, Metal content of some black shales of the Western United States, U.S. Geological Survey, Professional Paper 424-C, p. C329-C331.

DepositID 648 Cont NA NameDeposit Watercress Canyon

OtherNames

Includes

Country Code USWY Country United States

StateProvince Wyoming

Lat.Deg 43 Long.Deg -110 Dec.Lat 43

Lat.Min 0 Long.Min -45 Dec.Long -110.75

Lat.Sec 0 Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Pennsylvanian (?)

Ma 300 Unit Weber (Wells) Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Hausel, W.D., 1981, Economic mineral deposits of Wyoming-A Review: Wyoming Geological Association, 32nd Annual Field Conference Guidebook 1981 (Energy Resources of Wyoming).

DepositID 649 Cont NA NameDeposit Jasper

OtherNames

Includes

Country Code USWY Country United States

StateProvince Wyoming

Lat.Deg 42 Long.Deg -105 Dec.Lat 42.7333333

Lat.Min 43 Long.Min -49 Dec.Long -105.833056

Lat.Sec 60 Long.Sec -59

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Cambrian

Ma 540 Unit Flathead Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Copper ore reported shipped during World War I.

Reference Lane, D.W., 1972, Geologic map atlas and summary of economic mineral resources of Converse County, Wyoming: Geological Survey of Wyoming, County Resource Series No. 1.

DepositID 650 Cont NA NameDeposit Montpelier

OtherNames

Includes

Country Code USID Country United States

Lat.Deg 42 Long.Deg -111 Dec.Lat 42.3333333 StateProvince Idaho

Lat.Min 19 Long.Min -15 Dec.Long -111.25

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Upper Triassic Ma 220 Unit

HostRocks Grit

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 651 Cont NA NameDeposit Newgate Prison

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -72 Dec.Lat 41.9166667 StateProvince Connecticut

Lat.Min 55 Long.Min -45 Dec.Long -72.75

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit New Haven Fm.

HostRocks Grey sandstone btwn greenish-grey mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sulphide occurrence as disseminated specks and clusters of grains

Reference Raymond, J., 1982, Guidebook for fieldtrips in Connecticut and Central Massachusetts: New England Intercollegiate Geological Conference, 74th Annual Meeting, University of Connecticut-Storrs Connecticut, Oct. 2-3, 1982.

DepositID 652 Cont NA NameDeposit New Albany area

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -76 Dec.Lat 41.5833333 StateProvince Pennsylvania

Lat.Min 34 Long.Min -27 Dec.Long -76.4580556 ia

Lat.Sec 60 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Devonian Ma 370 Unit Catskill Fm.

HostRocks Greenish-grey sandstone, siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Occurrence in lower part of Catskill Fm. of interlayered red and grey beds. Contains U, Ag.

Reference Mccauley, J.F., 1961, Uranium in Pennsylvania: Pennsylvania Geological Survey, 4th Series Bulletin M43, 71 p.

DepositID 653 Cont NA NameDeposit Forkston

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -76 Dec.Lat 41.5 StateProvince Pennsylvania

Lat.Min 30 Long.Min -7 Dec.Long -76.116667 ia

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Devonian Ma 370 Unit Catskill Fm.

HostRocks Grey sandstone and shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments The grey sandstone and shale are intercalated with red strata

Reference Glaeser, J.D., 1974, Upper Devonian stratigraphy and sedimentary environments in Northeastern Pennsylvania: Pennsylvania Geological Survey, Fourth Series Harrisburg, General Geology Report 63, 64 p.

DepositID 654 Cont NA NameDeposit Elk Ridge

OtherNames

Includes

Country Code USUT Country United States

Lat.Deg 41 Long.Deg -111 Dec.Lat 41.3541667 StateProvince Utah

Lat.Min 21 Long.Min -32 Dec.Long -111.541389

Lat.Sec 15 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Triassic Ma 220 Unit Shinarump Member of Chinle

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 655 Cont NA NameDeposit Beaver Lake area

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -76 Dec.Lat 41.2916667 StateProvince Pennsylvania

Lat.Min 17 Long.Min -35 Dec.Long -76.5997222 ia

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Devonian Ma 370 Unit Catskill Fm.

HostRocks Greenish-grey sandstone, siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Occurrence in lower part of Catskill fm of interlayered red and grey beds. Gray to green channel deposits are rich in carbonaceous material.

Reference Glaeser, J.D., 1974, Upper Devonian stratigraphy and sedimentary environments in Northeastern Pennsylvania: Pennsylvania Geological Survey, Fourth Series Harrisburg, General Geology Report 63, 64 p.

DepositID 656 Cont NA NameDeposit Grassmere Park area

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -76 Dec.Lat 41.275 StateProvince Pennsylvania

Lat.Min 16 Long.Min -22 Dec.Long -76.3830556 ia

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Devonian Ma 370 Unit Catskill Fm.

HostRocks Greenish-grey sandstone, siltstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Occurrence in lower part of catskill fm of interlayered red and grey beds. Contains U, Ag.

Reference Lesure, F.G., 1977, Exploration geochemical studies of some sandstone copper-uranium deposits, Bradford, Columbia and Lycoming Counties, Pennsylvania: Journal of Research, U.S. Geological Survey, Vol. 5, No. 5, p. 609-621.

DepositID 657 Cont NA NameDeposit Pahaquarry

OtherNames

Includes

Country Code USPA Country United States

Lat.Deg 41 Long.Deg -75 Dec.Lat 41.0333333 StateProvince Pennsylvania

Lat.Min 1 Long.Min -1 Dec.Long -75.0330556 ia

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Silurian Ma 420 Unit High Fall Fm.

HostRocks Grey sandstone within red shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralized part of section is sandstone sequence 42 feet thick

Reference Woodward, H.P., 1944, Copper mines and mining in New Jersey: Department of Conservation and Development, State of New Jersey, Bulletin 57 Geologic Series.

DepositID 658 Cont NA NameDeposit Glen Ridge

OtherNames

Includes

Country Code USNJ Country United States

Lat.Deg 40 Long.Deg -74 Dec.Lat 40.8 StateProvince New Jersey

Lat.Min 47 Long.Min -10 Dec.Long -74.1666667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit

HostRocks Grey sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Worked in the 1700s, in 1880s-several hundred tons were mined

Reference Woodward, H.P., 1944, Copper mines and mining in New Jersey:  
Department of Conservation and Development, State of New Jersey,  
Bulletin 57 Geologic Series.

DepositID 659 Cont NA NameDeposit Schuyler

OtherNames

Includes

Country Code USNJ Country United States

Lat.Deg 40 Long.Deg -74 Dec.Lat 40.7833333 StateProvince New Jersey

Lat.Min 46 Long.Min -7 Dec.Long -74.1330556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Triassic Ma 230 Unit

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Two ss beds-upper 12 ft thick, lower 10 ft separated by 1 ft red shale

Reference Kinkle, A.R., 1962, Copper in the United States: U.S. Geological Survey, Mineral Investigations Resource Map Mr-13.

DepositID 660 Cont NA NameDeposit East Orange

OtherNames

Includes

Country Code USNJ Country United States

Lat.Deg 40 Long.Deg -74 Dec.Lat 40.75 StateProvince New Jersey

Lat.Min 45 Long.Min -12 Dec.Long -74.2

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Newark

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mined in the 1700s

Reference Woodward, H.P., 1944, Copper mines and mining in New Jersey: Department of Conservation and Development, State of New Jersey, Bulletin 57 Geologic Series.

DepositID 661 Cont NA NameDeposit Uinta

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 40 Long.Deg -111 Dec.Lat 40.6166667

Lat.Min 37 Long.Min -31 Dec.Long -111.516667

Lat.Sec 0 Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Cenozoic

Ma 30

Unit Uinta Fm.

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Kinkle, A.R., 1962, Copper in the United States: U.S. Geological Survey, Mineral Investigations Resource Map Mr-13.

DepositID 662 Cont NA NameDeposit Steamboat Ssprings

OtherNames

Includes

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 40 Long.Deg -106 Dec.Lat 40.5333333

Lat.Min 31 Long.Min -45 Dec.Long -106.75

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cretaceous Ma 100 Unit Dakota Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 663 Cont NA NameDeposit Spar Lake

OtherNames Troy Mine

Includes

Country Code USMT Country United States

StateProvince Montana

Lat.Deg 40 Long.Deg -115 Dec.Lat 40.2302778

Lat.Min 13 Long.Min -54 Dec.Long -115.905278

Lat.Sec 49 Long.Sec -19 GeolProv 5027

OreMmt 58 CuGrade% 0.8 CoGrade% AgGradeppm 58

CuMmt .464

DepositType Revett Cu

Age M. Proterozoic

Ma 1500 Unit Revett Fm.

HostRocks Quartzite

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, pyrite, galena, sphalerite, hematite, barite, chlorite, albite, K-felds, ankerite, calcite

TraceMinerals

Comments

Reference Hayes, T.S., and Einaudi, M.T., 1986, Genesis of the Spar Lake strata-bound copper-silver deposit, Montana: Part 1. Controls inherited from sedimentation and preore diagenesis: Economic Geology, v. 81, p. 1899-1931.

Hayes, T.S, 1990, A preliminary study of thermometry and metal sources of the Spar Lake stratabound copper-silver deposit, Belt Supergroup, Montana: U.S. Geological Survey Open File Report 90-0484, 30 p.

DepositID 664 Cont NA NameDeposit Lisbon Valley

OtherNames

Includes Centennial, GTO, Sentinel, Blue Jay

Country Code USUT Country United States

Lat.Deg 39 Long.Deg -109 Dec.Lat 39.15 StateProvince Utah

Lat.Min 09 Long.Min -06 Dec.Long -109.1

Lat.Sec Long.Sec GeolProv 5021

OreMmt 34 CuGrade% 0.53 CoGrade% AgGradeppm 10

CuMmt .1802

DepositType Revett Cu

Age Cretaceous Ma 100 Unit Dakota Sandstone

HostRocks Arkosic sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, calcite

TraceMinerals

Comments Disseminated deposits adjacent to Lisbon fault; deposits occur as veins in faults and disseminated bodies in sandstone adjacent

Reference Brett, G.N., and Meunier, J-D., 1990, Fluid inclusion,  $\delta^{18}\text{O}$ , and  $^{87}\text{Sr}/^{86}\text{Sr}$  evidence for the origin of fault-controlled copper mineralization, Lisbon Valley, Utah: Economic Geology. v. 85, p. 884-891.

Morrison, S. J., and Parry, W. T., 1986, Formation of carbonate-sulfate veins associated with copper ore deposits from saline basin brines, Lisbon Valley, Utah: fluid inclusion and isotopic evidence: Economic Geology, v. 81, no. 12, p. 1853-1866.

Northern Miner, Aug. 22, 1994.

S Mi I W b it 2/2/02

DepositID 665 Cont NA NameDeposit Chantilly

OtherNames

Includes

Country Code USVA Country United States

StateProvince Virginia

Lat.Deg 38 Long.Deg -77 Dec.Lat 38.8791667

Lat.Min 52 Long.Min -19 Dec.Long -77.3166667

Lat.Sec 45 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Manassas Fm.

HostRocks Grey sandstone in redbed sequence

HangingwallBeds

FootwallRocks

Mineralogy Malachite, azurite

TraceMinerals

Comments Zone is 5 feet thick in trench and contains anomalous quantities Cu and Ag

Reference Dagostino, J.P., 1970, Malachite-and specularite-bearing Triassic sandstone localities Near Chantilly, Virginia: U.S. Geological Survey, Professional Paper 700-C, p. C103-C106.

DepositID 666 Cont NA NameDeposit Copper Globe

OtherNames

Includes

Country Code USUT Country United States

Lat.Deg 38 Long.Deg -110 Dec.Lat 38.8 StateProvince Utah

Lat.Min 47 Long.Min -54 Dec.Long -110.9

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 180 Unit Navajo Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Deposit in braided alluvial fan in 2nd order basin over Paradox Salt.

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 667 Cont NA NameDeposit Lyons Fm.

OtherNames

Includes

Country Code USCO Country United States

Lat.Deg 38 Long.Deg -104 Dec.Lat 38.75 StateProvince Colorado

Lat.Min 45 Long.Min -45 Dec.Long -104.75

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Lyons Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 668 Cont NA NameDeposit Cotopaxi Cordova

OtherNames

Includes

Country Code USCO Country United States

Lat.Deg 38 Long.Deg -105 Dec.Lat 38.5 StateProvince Colorado

Lat.Min 30 Long.Min -30 Dec.Long -105.5

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Pennsylvanian Ma 300 Unit

HostRocks Undivided

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 669 Cont NA NameDeposit Adak

OtherNames

Includes

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 38 Long.Deg -108 Dec.Lat 38.4305556

Lat.Min 25 Long.Min -49 Dec.Long -108.820556

Lat.Sec 50 Long.Sec -14 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 180 Unit Morrison Fm.

HostRocks Interstratified units of sandstone and mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments U-V-Cu

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 670 Cont NA NameDeposit Copper King

OtherNames

Includes

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 38 Long.Deg -108 Dec.Lat 38.3925

Lat.Min 23 Long.Min -25 Dec.Long -108.431389

Lat.Sec 33 Long.Sec -53 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Cretaceous Ma 100 Unit Burro Canyon Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 671 Cont NA NameDeposit Cutler

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 38 Long.Deg -109 Dec.Lat 38.3611111

Lat.Min 21 Long.Min -43 Dec.Long -109.733056

Lat.Sec 40 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Cutler Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 672 Cont NA NameDeposit Cashin

OtherNames

Includes

Country Code USCO Country United States

Lat.Deg 38 Long.Deg -108 Dec.Lat 38.3 StateProvince Colorado

Lat.Min 17 Long.Min -57 Dec.Long -108.95

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt 10 CuGrade% 0.62 CoGrade% AgGradeppm

CuMmt .062

DepositType Revett Cu

Age Triassic Ma 230 Unit Dolores Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments From 1897-1957 mine produced 1000 tons of Cu and 306000 ounces of Ag

Reference Kinkle, A.R., 1962, Copper in the United States: U.S. Geological Survey, Mineral Investigations Resource Map Mr-13.

DepositID 673 Cont NA NameDeposit Big Indian

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 38 Long.Deg -109 Dec.Lat 38.2333333

Lat.Min 13 Long.Min -13 Dec.Long -109.216667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt 0.15 CuGrade% 1.5 CoGrade% AgGradeppm

CuMmt .00225

DepositType Revett Cu

Age Cretaceous Ma 100 Unit Dakota Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Along Lisbon fault. Cu-U.

Reference Morrison, S. J., and Parry, W. T., 1986, Formation of carbonate-sulfate veins associated with copper ore deposits from saline basin brines, Lisbon Valley, Utah: fluid inclusion and isotopic evidence: Economic Geology, v. 81, no. 12, p. 1853-1866.

Schmitt, L.J., 1969, Uranium and copper mineralization in the Big Indian Wash-Lisbon Valley Mining District, Southeastern Utah: Unpublished Ph.D. thesis, Columbia University, 173p.

DepositID 674 Cont NA NameDeposit Western Sstar

OtherNames

Includes

Country Code USUT Country United States

Lat.Deg 38 Long.Deg -109 Dec.Lat 38.15 StateProvince Utah

Lat.Min 8 Long.Min -7 Dec.Long -109.133056

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Pennsylvanian Ma 210 Unit Hermosa Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 675 Cont NA NameDeposit Cougar

OtherNames

Includes

Country Code USCO Country United States

Lat.Deg 38 Long.Deg -107 Dec.Lat 38 StateProvince Colorado

Lat.Min 0 Long.Min -52 Dec.Long -107.883056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 180 Unit Morrison Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Mainly volborthite, some malachite and azurite

TraceMinerals

Comments Cu-U. Sharp interface btwn ore and barren, Cu with U along margins of roll

Reference Shields, W.R., 1965, Natural variations in the Aabundance ratio and the atomic weight of Copper: Journal of Geophysical Research, Vol. 70, p. 479-491.

DepositID 676 Cont NA NameDeposit Happy jack

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 37 Long.Deg -110 Dec.Lat 37.8083333

Lat.Min 48 Long.Min -25 Dec.Long -110.433056

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Triassic Ma 220 Unit Shinarump Member of Chinle

HostRocks Conglom ss, coalified woody material, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Shinarump unconformably overlies Moenkopi fm of upper-Middle Triassic.  
U-Cu

Reference Stieff, L.R., 1953, A preliminary determination of the age of some uranium ores of the Colorado Plateau by the lead-uranium method: U.S. Geological Survey, Circular 271.

DepositID 677 Cont NA NameDeposit Lamotte Sandstone

OtherNames

Includes

Country Code USMO Country United States

Lat.Deg 37 Long.Deg -91 Dec.Lat 37.7333333 StateProvince Missouri

Lat.Min 43 Long.Min -4 Dec.Long -91.0830556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Upper Cambrian Ma 520 Unit Lamotte Sandstone

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu alone occurs below Pb-Zn-Cu deposits of the bonneterre Formation. Represents separate Cu phase of mineralization of pre-Viburnum trend

Reference Kinkle, A.R., 1962, Copper in the United States: U.S. Geological Survey, Mineral Investigations Resource Map Mr-13.

DepositID 678 Cont NA NameDeposit Sedgwick County occurrences

OtherNames

Includes

Country Code USKS Country United States

StateProvince Kansas

Lat.Deg 37 Long.Deg -97 Dec.Lat 37.6666667

Lat.Min 40 Long.Min -40 Dec.Long -97.6666667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Permian Ma 280 Unit Summer Group - Ninnescah

HostRocks Grey shale with thin limestone, dolomite units

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, pyrite

TraceMinerals

Comments

Reference Ripley, E.M., 1980, Mineralogy and paragenesis of red-bed copper mineralization in the Lower Permian of South Central Kansas: Economic Geology, Vol. 75 No. 5.

DepositID 679 Cont NA NameDeposit Hideout no 1

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 37 Long.Deg -110 Dec.Lat 37.6541667

Lat.Min 39 Long.Min 0 Dec.Long -110.008056

Lat.Sec 15 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Shinarump Member of Chinle

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Ore minerals preserve cell struct, replace quartz and feldspar, fill fractures, impregnate sandstone

Reference Finnell, T.L., 1963, Geology ore deposits and exploratory drilling in the Deer Flat Area, White Canyon District, San Juan County, Utah: U.S. Geological Survey, Bulletin 1132, 114 p.

DepositID 680 Cont NA NameDeposit W N

OtherNames

Includes

Country Code USUT Country United States

StateProvince Utah

Lat.Deg 37 Long.Deg -110 Dec.Lat 37.6402778

Lat.Min 38 Long.Min -2 Dec.Long -110.048333

Lat.Sec 25 Long.Sec -54 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Triassic Ma 220 Unit Shinarump Member of Chinle

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Lower part of Shinarump rests with marked disconformity on Moenkopi Fm.

Reference Finnell, T.L., 1963, Geology ore deposits and exploratory drilling in the Deer Flat Area, White Canyon District, San Juan County, Utah: U.S. Geological Survey, Bulletin 1132, 114 p.

DepositID 681 Cont NA NameDeposit Bear Creek

OtherNames

Includes

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 37 Long.Deg -108 Dec.Lat 37.6166667

Lat.Min 37 Long.Min -10 Dec.Long -108.166667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Upper Triassic Ma 220 Unit Dolores Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Along bear Creek several deposits occur at base of Dolores Formation.

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 682 Cont NA NameDeposit Mcguire

OtherNames

Includes

Country Code USCO Country United States

Lat.Deg 37 Long.Deg -105 Dec.Lat 37.5 StateProvince Colorado

Lat.Min 30 Long.Min -1 Dec.Long -105.016667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit

HostRocks Undivided

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 683 Cont NA NameDeposit Independence

OtherNames

Includes Dunlap Ranch

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 37 Long.Deg -102 Dec.Lat 37.4666667

Lat.Min 28 Long.Min -13 Dec.Long -102.233056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Cretaceous Ma 130 Unit Purgatoire Fm.

HostRocks Light, crossbedded, porous arkosic sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu occurrences in basal member of formation. Contains Cu, Ag, Au.  
Production 1900-02 yielded 11,419 lbs Cu, 1915-17 yielded 10,092 lbs

Reference Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in  
Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information  
Circular 7740.

Young, R.G., 1978, Depositional systems and dispersal patterns in  
Uraniferous Sandstones of the Colorado Plateau, Utah: Geology, Vol. 5 No.  
2, p. 85-102.

DepositID 684 Cont NA NameDeposit Dunlap Ranch

OtherNames

Includes

Country Code USCO Country United States

StateProvince Colorado

Lat.Deg 37 Long.Deg -102 Dec.Lat 37.45

Lat.Min 27 Long.Min -13 Dec.Long -102.233056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Jurassic Ma 180 Unit Entrada Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Young, R.G., 1978, Depositional systems and dispersal patterns in Uraniferous Sandstones of the Colorado Plateau, Utah: Geology, Vol. 5 No. 2, p. 85-102.

DepositID 685 Cont NA NameDeposit Runnymede

OtherNames

Includes

Country Code USKS Country United States

StateProvince Kansas

Lat.Deg 37 Long.Deg -97 Dec.Lat 37.3333333

Lat.Min 19 Long.Min -55 Dec.Long -97.9330556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Ninescah Shale Fm. of the

HostRocks Argillaceous dolomite, shale, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu in upper argillaceous dolomite beds of Ninescah Shale including Runnymede Sandstone Member

Reference Hill, W.E., 1967, Copper in redbeds of South Central Kansas: Short Papers On Research 1966, State Geological Survey of Kansas, Bulletin 187 Part 1.

DepositID 686 Cont NA NameDeposit Sumner County occurrences

OtherNames

Includes

Country Code USKS Country United States

Lat.Deg 37 Long.Deg -97 Dec.Lat 37.0833333 StateProvince Kansas

Lat.Min 4 Long.Min -40 Dec.Long -97.6666667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Lower Permian Ma 280 Unit Summer Group-Ninnescah

HostRocks Grey shale with thin limestone, dolomite units

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, pyrite

TraceMinerals

Comments

Reference Hill, W.E., 1967, Copper in redbeds of South Central Kansas: Short Papers On Research 1966, State Geological Survey of Kansas, Bulletin 187 Part 1.

DepositID 687 Cont NA NameDeposit Wiggins

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 36 Long.Deg -103 Dec.Lat 36.9333333 StateProvince New Mexico

Lat.Min 55 Long.Min -4 Dec.Long -103.083056

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 180 Unit Entrada Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 688 Cont NA NameDeposit Peacock Canyon

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 36 Long.Deg -103 Dec.Lat 36.9166667 StateProvince New Mexico

Lat.Min 55 Long.Min -25 Dec.Long -103.433056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 260 Unit Dockum Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Sandstone bleached from red to nearly white in areas of Cu mineralization. Contains Ag.

Reference Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information Circular 7740.

DepositID 689 Cont NA NameDeposit Grant County

OtherNames

Includes

Country Code USOK Country United States

StateProvince Oklahoma

Lat.Deg 36 Long.Deg -97 Dec.Lat 36.75

Lat.Min 45 Long.Min -49 Dec.Long -97.8330556

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Lower Permian Ma 280 Unit Wellingtonn Fm.

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralized beds occurrence in shallow subsurface, upper shale member

Reference Lur'ye, A.M., 1986, Formation Conditions of Copper-Sandstone and Copper-Shale Deposits: in Geology and Metallogeny of Copper Deposits, Ed. By G.H. Friedrich Et Al., Proceedings of the 27th Igc Moscow, 1984, p. 477-491.

DepositID 690 Cont NA NameDeposit White Mesa district

OtherNames

Includes

Country Code USAZ Country United States

StateProvince Arizona

Lat.Deg 36 Long.Deg -111 Dec.Lat 36.6666667

Lat.Min 40 Long.Min -22 Dec.Long -111.383056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Jurassic Ma 180 Unit Navajo Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Significant tonnage of principally acid-soluble copper

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 691 Cont NA NameDeposit Lee Uto

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 36 Long.Deg -96 Dec.Lat 36.4 StateProvince Oklahoma

Lat.Min 23 Long.Min -58 Dec.Long -96.9747222

Lat.Sec 60 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Chase Group

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 692      Cont NA      NameDeposit National  
 OtherNames  
 Includes  
 Country Code USAZ      Country United States  
 Lat.Deg 36      Long.Deg -112      Dec.Lat 36.3333333      StateProvince Arizona  
 Lat.Min 19      Long.Min -45      Dec.Long -112.75  
 Lat.Sec 60      Long.Sec 0      GeolProv  
 OreMmt      CuGrade%      CoGrade%      AgGradeppm  
                     CuMmt  
 DepositType Reduced facies Cu  
 Age Permian      Ma 260      Unit Kaibab Fm.  
 HostRocks Limestone  
 HangingwallBeds  
 FootwallRocks  
 Mineralogy  
 TraceMinerals  
 Comments  
 Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western  
 United States: Harvard University, Cambridge, Massachusetts, Ph.D.  
 thesis, 320 p.

DepositID 693 Cont NA NameDeposit Pajarito azule

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 36 Long.Deg -106 Dec.Lat 36.25 StateProvince New Mexico

Lat.Min 15 Long.Min -49 Dec.Long -106.833056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Pennsylvanian Ma 245 Unit Madera Fm.

HostRocks Arkosic limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 694 Cont NA NameDeposit Ridenour

OtherNames

Includes

Country Code USAZ Country United States

StateProvince Arizona

Lat.Deg 36 Long.Deg -113 Dec.Lat 36.1666667

Lat.Min 10 Long.Min -10 Dec.Long -113.166667

Lat.Sec 0 Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Uncl.

Age Permian-Pennsylvanian

Ma 290 Unit Supai Fm.

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U-V

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 695 Cont NA NameDeposit Coyote Creek

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 36 Long.Deg -105 Dec.Lat 36.1 StateProvince New Mexico

Lat.Min 6 Long.Min -10 Dec.Long -105.166667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permo-Pennsylvanian Ma 245 Unit Sangre de Cristo Fm.

HostRocks Arkoses, arkosic ss, red and greyish-green shales

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 696 Cont NA NameDeposit Nacimiento

OtherNames

Includes San Miguel

Country Code USNM Country United States

Lat.Deg 36 Long.Deg -106 Dec.Lat 36.0083333 StateProvince New Mexico

Lat.Min 00 Long.Min -53 Dec.Long -106.883333

Lat.Sec 30 Long.Sec GeolProv 5023

OreMmt 10 CuGrade% 0.67 CoGrade% AgGradeppm 2.4

CuMmt .067

DepositType Redbed Cu

Age Triassic Ma 230 Unit Chinle Fm.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, pyrite

TraceMinerals

Comments Abundant fossil wood.

Reference Talbott, L. W., 1974, Nacimiento pit, a Triassic strata-bound copper deposit, in: Ghost Ranch, New Mexico Geological Society Guidebook, 25th Annual Field Conference, p. 301-303.

Woodward, L. A., Kaufman, W.H., Schumacher, O. L., and Talbott, L. W., 1974, Strata-bound copper deposits in Triassic sandstone of Sierra Nacimiento, New Mexico: Economic Geology, v. 69, no. 1, p. 108-120.

DepositID 697 Cont NA NameDeposit Bronze Lake

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 35 Long.Deg -114 Dec.Lat 35.9833333 StateProvince New Mexico

Lat.Min 58 Long.Min -10 Dec.Long -114.166667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Mississippian Ma 340 Unit Redwall Fm.

HostRocks Limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-Pb-V

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 698 Cont NA NameDeposit Hunters Point

OtherNames

Includes

Country Code USAZ Country United States

StateProvince Arizona

Lat.Deg 35 Long.Deg -109 Dec.Lat 35.75

Lat.Min 45 Long.Min -15 Dec.Long -109.25

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Coconino Fm. (?)

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 699 Cont NA NameDeposit Hacks Canyon

OtherNames

Includes

Country Code USAZ Country United States

Lat.Deg 35 Long.Deg -113 Dec.Lat 35.4166667 StateProvince Arizona

Lat.Min 25 Long.Min -30 Dec.Long -113.5

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Hermit Fm.

HostRocks Shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Cu-U

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 700 Cont NA NameDeposit Mirabal

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 35 Long.Deg -108 Dec.Lat 35.2 StateProvince New Mexico

Lat.Min 12 Long.Min -5 Dec.Long -108.099722

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Abo Fm.

HostRocks Shale, conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Significant tonnage of principally acid-soluble copper

Reference Joralemon, I.B., 1952, Age Cannot wither or Varieties of Geological Experience: Economic Geology, Vol. 47 No. 3.

DepositID 701 Cont NA NameDeposit Byars

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 35 Long.Deg -97 Dec.Lat 35 StateProvince Oklahoma

Lat.Min 0 Long.Min -30 Dec.Long -97.5

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Ma Unit

HostRocks Red sandstone and shale (locally bleached white

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 190 tons of Cu-Agr ore shipped between 1913-1914, also worked 1897-98.

Reference Merritt, C.A., 1940, Copper in the red beds of Oklahoma: Oklahoma Geological Survey, Mineral Report No. 8, 19 p.

DepositID 702 Cont NA NameDeposit Rome Sandstone

OtherNames

Includes

Country Code USTN Country United States

Lat.Deg 35 Long.Deg -84 Dec.Lat 35 StateProvince Tennessee

Lat.Min 0 Long.Min -30 Dec.Long -84.5

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Lower Cambrian Ma 550 Unit Rome Formation

HostRocks Quartzitic sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite bornite and chalcocite

TraceMinerals

Comments Samples contain > 1% Cu also anomalous Mo and detectable Ag

Reference Wedow Jr, H., 1975, The Potential for stratabound disseminated copper deposits in the Cambrian Sandstones of the Appalachian Region: Economic Geology, Vol. 70 No. 1.

DepositID 703 Cont NA NameDeposit Sunlite and Moonlite

OtherNames

Includes

Country Code USAZ Country United States

StateProvince Arizona

Lat.Deg 34 Long.Deg -110 Dec.Lat 34.9833333

Lat.Min 58 Long.Min -43 Dec.Long -110.716667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Upper Triassic Ma 220 Unit Shinarump Member of Chinle

HostRocks Ss contain pebbles of ss, chert, quartzite, ls, siltst

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Coalified woody material is abundant in the ore. Cu-U

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 704 Cont NA NameDeposit Pintada

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -104 Dec.Lat 34.9333333 StateProvince New Mexico

Lat.Min 55 Long.Min -52 Dec.Long -104.866667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Grayburg-queen Formation

HostRocks Massive gypsiferous unit, middle and upper ss units

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mineralization occurs in five separate beds each 5 to 9 feet thick

Reference Lapoint, D.J., 1979, Geology geochemistry and petrology of sandstone copper deposits in New Mexico: Unpublished Ph.D. thesis, University of Colorado, 333 p

DepositID 705 Cont NA NameDeposit Mangum

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 34 Long.Deg -99 Dec.Lat 34.8833333 StateProvince Oklahoma

Lat.Min 53 Long.Min -30 Dec.Long -99.5

Lat.Sec Long.Sec GeolProv 5058

OreMmt 7.2 CuGrade% 1 CoGrade% AgGradeppm 2.4

CuMmt .072

DepositType Reduced facies Cu

Age L. Permian Ma 270 Unit El Reno Grp, Flowerpot Fm

HostRocks

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, gypsum

TraceMinerals

Comments

Reference Johnson, K.S., 1976, Permian copper shales in southwest Oklahoma *in* Stratiform copper deposits of the Midcontinent Region: Oklahoma Geological Survey Circular 77, p. 3-14.

DepositID 706 Cont NA NameDeposit Stauber

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -104 Dec.Lat 34.85 StateProvince New Mexico

Lat.Min 51 Long.Min -50 Dec.Long -104.849722

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt 0.24 CuGrade% 2.57 CoGrade% AgGradeppm 5.5

CuMmt .006168

DepositType Redbed Cu

Age Upper Triassic Ma 220 Unit Santa rosa Member of Chinle

HostRocks 3 sandstone units separated by clay or shale

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite, azurite

TraceMinerals

Comments Ore-bearing sandstone up to 12 ft thick, extends 1500 ft in length, 320 ft wide. Production: 264,000 st of ore containing 6,6779 st Cu and

Reference Lapoint, D.J., 1979, Geology geochemistry and petrology of sandstone copper deposits in New Mexico: Unpublished Ph.D. thesis, University of Colorado, 333 p.

Stauber, I. J., 1930, A sandstone copper deposit: The Mining Journal, December, p. 929-931.

DepositID 707 Cont NA NameDeposit Paoli

OtherNames

Includes

Country Code USOK Country United States

StateProvince Oklahoma

Lat.Deg 34 Long.Deg -97 Dec.Lat 34.7833333

Lat.Min 46 Long.Min -16 Dec.Long -97.2830556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Garber Fm. of the Wichita

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Production from two side-hill Cuts reported as 'a few tons' in 1913.  
Cu-Ag

Reference Lapoint, D.J., 1979, Geology geochemistry and petrology of sandstone  
copper deposits in New Mexico: Unpublished Ph.D. thesis, University of  
Colorado, 333 p.

Thomas, C.A., Hagni, R.D., and Berendsen, P., 1991, Ore microscopy of the  
Paoli silver-copper deposit, Oklahoma: Ore Geology Review, no. 6, p.  
229-244.

Shockey, P.N., Renfro, A.R., and Peterson, R.J., 1974, Copper-silver  
solution fronts at Paoli, Oklahoma: Economic Geology v. 69, p. 266-269.

DepositID 708 Cont NA NameDeposit Creta

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 34 Long.Deg -99 Dec.Lat 34.65 StateProvince Oklahoma

Lat.Min 39 Long.Min -21 Dec.Long -99.35

Lat.Sec Long.Sec GeolProv 5045

OreMmt 5.4 CuGrade% 1.9 CoGrade% AgGradeppm 5.5

CuMmt .1026

DepositType Reduced facies Cu

Age L. Permian Ma 270 Unit El Reno Grp, Flowerpot Fm

HostRocks Shale

HangingwallBeds Gypsum

FootwallRocks

Mineralogy Chalcocite, gypsum

TraceMinerals

Comments

Reference Dingess, P. R., 1976, Geology and mining operations at the Creta copper deposit of Eagle-Picher Industries, Inc., in Johnson, K. S., and Croy, R. L, eds., Stratiform copper deposits of the Midcontinent region, a symposium: Oklahoma Geological Survey Circular 77, p. 15-24.

Johnson, K.S., 1976, Permian copper shales in southwest Oklahoma *in* Stratiform copper deposits of the Midcontinent Region: Oklahoma Geological Survey Circular 77, p. 3-14.

DepositID 709 Cont NA NameDeposit Scholle District

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -106 Dec.Lat 34.5 StateProvince New Mexico

Lat.Min 30 Long.Min -25 Dec.Long -106.416667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt 0.12 CuGrade% 3.85 CoGrade% AgGradeppm 23

CuMmt .00462

DepositType Redbed Cu

Age Permian Ma 260 Unit Abo Fm.

HostRocks Shale overlain by red shale capped by ss

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite and azurite

TraceMinerals

Comments 33 prospects, to 1957, produced 525 short tons of Cu

Reference Hatchell, W. O., Blagbrough, J. W., and Hill, J. M., 1982, Stratigraphy and copper deposits of the Abo Formation, Abo Canyon area, central New Mexico: in Grambling, J. A., and Wells, S. G., eds., New Mexico Geological Society Guidebook, 33rd Field Conference, Albuquerque County II, p. 249-260.

Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 710 Cont NA NameDeposit Abiquiu

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -106 Dec.Lat 34.4333333 StateProvince New Mexico

Lat.Min 25 Long.Min -17 Dec.Long -106.299722

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Triassic Ma 230 Unit Poleo sandstone

HostRocks Fairly fine-grained ss, grit, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite

TraceMinerals

Comments Abo Redbeds underly the Poleo Sandstone, primary Cu mineral is chalcocite

Reference Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information Circular 7740.

DepositID 711 Cont NA NameDeposit Parker-Doyle

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -106 Dec.Lat 34.2666667 StateProvince New Mexico

Lat.Min 16 Long.Min -28 Dec.Long -106.466667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Abo Fm.

HostRocks Light-coloured sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments Mineralized beds occurrence stratigraphically much higher than Scholle district.

Reference Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information Circular 7740.

DepositID 712 Cont NA NameDeposit Mogollon Rim

OtherNames

Includes

Country Code USAZ Country United States

Lat.Deg 34 Long.Deg -111 Dec.Lat 34.25 StateProvince Arizona

Lat.Min 15 Long.Min 0 Dec.Long -111

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian-Pennsylvanian Ma 290 Unit Supai Formation

HostRocks Micrite, qtz arenite, limestone pebble congl

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Rogers, R.D., 1978, Geology and geochemistry of copper occurrences in the Supai Formation, Central Arizona: Abstracts, Cordilleran Section Geological Society of America, 74th Annual Meeting 1978.

DepositID 713 Cont NA NameDeposit Broome

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 34 Long.Deg -106 Dec.Lat 34.25 StateProvince New Mexico

Lat.Min 15 Long.Min -30 Dec.Long -106.5

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Meseta Blanca Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 714 Cont NA NameDeposit Benson Farm

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 34 Long.Deg -98 Dec.Lat 34.2 StateProvince Oklahoma

Lat.Min 12 Long.Min -17 Dec.Long -98.2997222

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Garber Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 715 Cont NA NameDeposit Gibbs

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 34 Long.Deg -99 Dec.Lat 34.1666667

Lat.Min 10 Long.Min -31 Dec.Long -99.5166667

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Dark red and grey sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Channel-scour type. In 1918 3 tons of hand-sorted ore containing 50% Cu was produced.

Reference Smith, G.E., 1974, Depositional systems, San Angelo Formation (Permian), North Texas-facies control of red-bed copper mineralization: Bureau of Economic Geology, Univ. of Texas at Austin, Report of Investigations No. 80, 74 p.

DepositID 716 Cont NA NameDeposit Mcclellan

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 34 Long.Deg -99 Dec.Lat 34.0833333

Lat.Min 4 Long.Min -49 Dec.Long -99.8330556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone horizons in dolomite, mudstone, shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments An upper Cu zone occurrences 50 ft above lower zone in shale and gypsum beds. From 1877-1917, 1943-45, 1967-70 about 250 tons of ore was

Reference Smith, G.E., 1974, Depositional systems, San Angelo Formation (Permian), North Texas-facies control of red-bed copper mineralization: Bureau of Economic Geology, Univ. of Texas at Austin, Report of Investigations No. 80, 74 p.

DepositID 717 Cont NA NameDeposit Pyron

OtherNames Crowell (?)

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -99 Dec.Lat 33.75

Lat.Min 45 Long.Min -54 Dec.Long -99.9

Lat.Sec 0 Long.Sec 0

GeolProv

OreMmt

CuGrade%

CoGrade%

AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Prior to 1911 several car loads were shipped

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 718 Cont NA NameDeposit Smelter

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -99 Dec.Lat 33.55

Lat.Min 32 Long.Min -58 Dec.Long -99.9830556

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments From 1880-1945 1000 tons of crude ore was produced

Reference Smith, G.E., 1974, Depositional systems, San Angelo Formation (Permian), North Texas-facies control of red-bed copper mineralization: Bureau of Economic Geology, Univ. of Texas at Austin, Report of Investigations No. 80, 74 p.

DepositID 719 Cont NA NameDeposit Buzzard Peak

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.5

Lat.Min 30 Long.Min -1 Dec.Long -100.033056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit San Angelo Fm., Blaine Fm.

HostRocks Dolomite, mudstone and shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Deposit near contact of San Angelo and Blaine Formations. From 1882-1945 2550 tons of crude ore was produced

Reference Smith, G.E., 1974, Depositional systems, San Angelo Formation (Permian), North Texas-facies control of red-bed copper mineralization: Bureau of Economic Geology, Univ. of Texas at Austin, Report of Investigations No. 80, 74 p.

DepositID 720 Cont NA NameDeposit Alexander Ranch

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 33 Long.Deg -99 Dec.Lat 33.5 StateProvince Oklahoma

Lat.Min 30 Long.Min -45 Dec.Long -99.75

Lat.Sec 0 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of the Pease

HostRocks Red-bed sequence of oxidized ss and mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments In clastic fluvial, deltaic deposits associated with organic trash

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 721 Cont NA NameDeposit Mcfaddin

OtherNames

Includes

Country Code USTX Country United States

Lat.Deg 33 Long.Deg -99 Dec.Lat 33.4833333 StateProvince Texas

Lat.Min 28 Long.Min -57 Dec.Long -99.95

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 722 Cont NA NameDeposit Brazos-Wichita

OtherNames

Includes

Country Code USOK Country United States

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.4 StateProvince Oklahoma

Lat.Min 23 Long.Min -2 Dec.Long -100.049722

Lat.Sec 60 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments In 1917 40 tons of crude ore was produced

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 723 Cont NA NameDeposit Hugh-Rogers

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.3333333

Lat.Min 19 Long.Min -3 Dec.Long -100.058056

Lat.Sec 60 Long.Sec -29 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 724 Cont NA NameDeposit Tularosa

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 33 Long.Deg -105 Dec.Lat 33.2166667 StateProvince New Mexico

Lat.Min 13 Long.Min -49 Dec.Long -105.833056

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Quaternary Ma 1 Unit

HostRocks Gypsum

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Gypsum bed is pleistocene(?) Playa deposit about 5 ft thick. Deposit rests unconformably on Permian rocks. Deposit type questionable

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 725 Cont NA NameDeposit Wiley Ranch

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.0833333

Lat.Min 4 Long.Min -10 Dec.Long -100.166667

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age Permian Ma 260 Unit Blaine Fm. of the Pease

HostRocks Dolomite, mudstone, shale just below gypsum bed

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Exhibits features common to channel and scour deposits. At least two separate copper-bearing horizons are known

Reference Phillips, J.S., 1960, Sandstone-type copper deposits of the Western United States: Harvard University, Cambridge, Massachusetts, Ph.D. thesis, 320 p.

DepositID 726 Cont NA NameDeposit Copper Queen

OtherNames

Includes Farris

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.0291667

Lat.Min 1 Long.Min -4 Dec.Long -100.083056

Lat.Sec 45 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone, siltstone, mudstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Mine worked 1880-1892 and 1945, 175 tons of crude ore produced in 1890. Farris produced 65 tons of crude ore from 1965-1974.

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 727 Cont NA NameDeposit Farris

OtherNames

Includes

Country Code USTX Country United States

StateProvince Texas

Lat.Deg 33 Long.Deg -100 Dec.Lat 33.0291667

Lat.Min 1 Long.Min -4 Dec.Long -100.083056

Lat.Sec 45 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit San Angelo Fm. of Pease

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments 65 tons of crude ore produced from 1965-1974

Reference Stroud, R.B., 1970, Production potential of copper deposits associated with Permian red bed formations in Texas, Oklahoma and Kansas: U.S. Bureau of Mines RI 7422.

DepositID 728 Cont NA NameDeposit Courtney

OtherNames

Includes Speckled Bird

Country Code USNM Country United States

Lat.Deg 32 Long.Deg -105 Dec.Lat 32.9583333 StateProvince New Mexico

Lat.Min 57 Long.Min -46 Dec.Long -105.783056

Lat.Sec 30 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Abo Fm.

HostRocks Arkosic gray shale, arkose

HangingwallBeds

FootwallRocks

Mineralogy Nodules of chalcocite coated with malachite and azurite

TraceMinerals

Comments Chalcocite and its alteration and oxidation products are main ore minerals. In 1929 a few cars of ore containing about 3.3% copper were

Reference Lapoint, D.J., 1979, Geology geochemistry and petrology of sandstone copper deposits in New Mexico: Unpublished Ph.D. thesis, University of Colorado, 333 p.

Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information Circular 7740.

DepositID 729 Cont NA NameDeposit Warnock

OtherNames

Includes Sacramento Mountains

Country Code USNM Country United States

Lat.Deg 32 Long.Deg -105 Dec.Lat 32.9166667 StateProvince New Mexico  
Lat.Min 55 Long.Min -47 Dec.Long -105.799722 Mexico

Lat.Sec 0 Long.Sec -59 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Abo Fm.

HostRocks Cream-coloured arkoses of the middle unit

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Visible organic debris is rare and does not control mineralization, 2 mines and over 20 showings. From 1908-1948 produced 80 tons Cu, 900t

Reference Jerome, S. E., Campbell, D. D., Wright, J. S., and Vitz, H. E., 1965, Geology and ore deposits of the Sacramento (High Rolls) mining district, Otero County, New Mexico: New Mexico State Bureau of Mines and Mineral Resources Bulletin 86, 30 p.

Lapoint, D.J., 1979, Geology geochemistry and petrology of sandstone copper deposits in New Mexico: Unpublished Ph.D. thesis, University of Colorado, 333 p.

DepositID 730 Cont NA NameDeposit Lone Eagle

OtherNames

Includes

Country Code USNM Country United States

Lat.Deg 32 Long.Deg -104 Dec.Lat 32.4333333 StateProvince New Mexico

Lat.Min 25 Long.Min -15 Dec.Long -104.25

Lat.Sec 60 Long.Sec 0 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Permian Ma 260 Unit Yeso Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite

TraceMinerals

Comments Sandstone generally flat lying but sharply folded, faulted where mineralized

Reference Soule, J.H., 1956, Reconnaissance of the red bed copper deposits in Southeastern Colorado and New Mexico: U.S. Bureau of Mines Information Circular 7740.

DepositID 731 Cont NA NameDeposit Las Vigas

OtherNames Vigas

Includes

Country Code MXCO

Country Mexico

StateProvince Chihuahua

Lat.Deg 29 Long.Deg -105 Dec.Lat 29.3633333

Lat.Min 21 Long.Min -04 Dec.Long -105.069444

Lat.Sec 48 Long.Sec -10

GeolProv

OreMmt 0.225 CuGrade% 3.2 CoGrade% AgGradeppm 09

CuMmt .0072

DepositType Redbed Cu

Age L. Cretaceous Ma 140 Unit Las Vigas Fm.

HostRocks Sandstone, shale, limestone

HangingwallBeds

FootwallRocks

Mineralogy Chalcopyrite, bornite, chalcocite, covellite, pyrite, marcasite,  
sphalerite Barite gypsum calcite

TraceMinerals

Comments

Reference Price, J.G., Rubin, J.N., and Tweedy, S.W., 1988, Geochemistry of the Vigas red-bed copper deposit, Chihuahua, Mexico: Economic Geology, v. 83, p. 1993-2001.

DepositID 732 Cont NA NameDeposit Boleo

OtherNames

Includes

Country Code MXCO Country Mexico

Lat.Deg 27 Long.Deg -112 Dec.Lat 27.1666667 StateProvince Baja Sul

Lat.Min 10 Long.Min -30 Dec.Long -112.5

Lat.Sec Long.Sec GeolProv 5333

OreMmt 18.7 CuGrade% 3.4 CoGrade% AgGradeppm 9

CuMmt .6358

DepositType Reduced facies Cu

Age L. Pliocene Ma 3 Unit Boleo Fm.

HostRocks Clay-rich tuff, conglomerate, gypsum

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Wilson, I.F., 1955, Geology and mineral resources of the Boleo copper deposit, Baja California, Mexico: U.S. Geological Survey Professional Paper 273, 134 p.

Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 733 Cont NA NameDeposit Ugly River

OtherNames

Includes Pencar River

Country Code JMCA Country Jamaica

Lat.Deg 18 Long.Deg -76 Dec.Lat 18.6 StateProvince

Lat.Min 36 Long.Min -45 Dec.Long -76.75

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Eocene Ma 53 Unit Wagwater Fm.

HostRocks Arkose, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fenton, A.D., 1979, Copper prospects of Jamaica—a geologic review: Jamaica Ministry of Mining and Natural Resources, Geological Survey Division Bulletin No. 9, p. 146-147.

Hughes, I.G., The mineral resources of Jamaica: Jamaica Ministry of Mining and Natural Resources, Geological Survey Department Bulletin No. 8, p. 19-28.

DepositID 734 Cont NA NameDeposit Phillips Gully

OtherNames

Includes

Country Code JMCA Country Jamaica

Lat.Deg 18 Long.Deg -76 Dec.Lat 18.1333333 StateProvince

Lat.Min 08 Long.Min -38 Dec.Long -76.6333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Eocene Ma 53 Unit Wagwater Fm.

HostRocks Sandstone, mudstone, tuff

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fenton, A.D., 1979, Copper prospects of Jamaica—a geologic review: Jamaica Ministry of Mining and Natural Resources, Geological Survey Division Bulletin No. 9, p. 146-147.

Hughes, I.G., The mineral resources of Jamaica: Jamaica Ministry of Mining and Natural Resources, Geological Survey Department Bulletin No. 8, p. 19-28.

DepositID 735 Cont NA NameDeposit Barbeque River

OtherNames

Includes

Country Code JMCA Country Jamaica

Lat.Deg 18 Long.Deg -76 Dec.Lat 18.1 StateProvince

Lat.Min 06 Long.Min -37 Dec.Long -76.616667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Eocene Ma 53 Unit Wagwater Fm.

HostRocks Sandstone

HangingwallBeds Lava

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Fenton, A.D., 1979, Copper prospects of Jamaica—a geologic review: Jamaica Ministry of Mining and Natural Resources, Geological Survey Division Bulletin No. 9, p. 146-147.

Hughes, I.G., The mineral resources of Jamaica: Jamaica Ministry of Mining and Natural Resources, Geological Survey Department Bulletin No. 8, p. 19-28.

DepositID 736 Cont SA NameDeposit Serrania de Perija

OtherNames

Includes

Country Code CLBA Country Colombia

StateProvince Guajira

Lat.Deg 10 Long.Deg -72 Dec.Lat 10.6666667

Lat.Min 40 Long.Min -50 Dec.Long -72.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Jurassic Ma 180 Unit La Quinta Fm.

HostRocks Sandstone, conglomerate, basalt

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, native copper

TraceMinerals

Comments

Reference Carmona, R.A., 1978, Recursos minerales de Colombia: Instituto Nacional de Investigaciones Geológico-Mineras, No. 1, 544 p.

DepositID 737 Cont SA NameDeposit Seboruco

OtherNames

Includes

Country Code VN ZL Country Venezuela

Lat.Deg 08 Long.Deg -72 Dec.Lat 8 StateProvince

Lat.Min 00 Long.Min 00 Dec.Long -72

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Grp

HostRocks Sandstone, conglomerate, lignite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 738 Cont SA NameDeposit Fazenda Boa Vista  
OtherNames  
Includes  
Country Code BRZL Country Brazil  
Lat.Deg -03 Long.Deg -40 Dec.Lat -3.18333333 StateProvince Ceará  
Lat.Min -11 Long.Min -33 Dec.Long -40.55  
Lat.Sec Long.Sec GeolProv  
OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Uncl.

Age Proterozoic Ma 1000 Unit Martinópolis Grp.

HostRocks Meta sedimentary rocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in* Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brasil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 739 Cont SA NameDeposit Pedra Verde

OtherNames

Includes

Country Code BRZL Country Brazil

Lat.Deg -03 Long.Deg -41 Dec.Lat -3.5 StateProvince Ceará

Lat.Min -30 Long.Min -07 Dec.Long -41.116667

Lat.Sec Long.Sec GeolProv

OreMmt 8.2 CuGrade% 0.8 CoGrade% AgGradeppm

CuMmt .0656

DepositType Uncl.

Age Proterozoic Ma 1000 Unit Martinópole ©rp.

HostRocks Meta graywacke, phillite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in* Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brazil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 740 Cont SA NameDeposit Serra do Diamante

OtherNames

Includes

Country Code BRZL Country Brazil

StateProvince Ceará

Lat.Deg -06 Long.Deg -38 Dec.Lat -6.91666667

Lat.Min -55 Long.Min -55 Dec.Long -38.9166667

Lat.Sec Long.Sec GeolProv

OreMmt 22 CuGrade% 0.8 CoGrade% AgGradeppm

CuMmt .176

DepositType Uncl.

Age Proterozoic Ma 1000 Unit Cachoerinha Grp.

HostRocks Phyllite, schist

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in* Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brazil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 741 Cont SA NameDeposit Araripe

OtherNames

Includes

Country Code BRZL Country Brazil

Lat.Deg -07 Long.Deg -40 Dec.Lat -7.13333333 StateProvince

Lat.Min -08 Long.Min -10 Dec.Long -40.1666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age L. Cretaceous Ma 120 Unit

HostRocks Marine sedimentary rocks

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 742 Cont SA NameDeposit Sucunduri River

OtherNames

Includes

Country Code BRZL Country Brazil

Lat.Deg -08 Long.Deg -59 Dec.Lat -8.75 StateProvince

Lat.Min -45 Long.Min 00 Dec.Long -59

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age M.Proterozoic Ma 1000 Unit

HostRocks Stromatolitic dolomite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 743 Cont SA NameDeposit Sacsallac

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -9 Long.Deg -75 Dec.Lat -9.71666667 StateProvince

Lat.Min -43 Long.Min -50 Dec.Long -75.8333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kobé, H.W., Stratabound Cu-(Ag) deposits in the Permian Mitu Formation, Central Peru *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 123-127.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 744 Cont SA NameDeposit Negra Huanusha

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -11 Long.Deg -75 Dec.Lat -11.3 StateProvince

Lat.Min -18 Long.Min -51 Dec.Long -75.85

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Fm.

HostRocks Red arkose, mudstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite bornite, covellite

TraceMinerals Stromeyerite, polybasite, native silver

Comments Mined grade: 3.2 % Cu, 2.9% Ag

Reference Kobé, H.W., Stratabound Cu-(Ag) deposits in the Permian Mitu Formation, Central Peru *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 123-127.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 745 Cont SA NameDeposit Doña Basilia

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -12 Long.Deg -75 Dec.Lat -12.2166667 StateProvince

Lat.Min -13 Long.Min -42 Dec.Long -75.7083333

Lat.Sec Long.Sec -30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L.Tertiary Ma 50 Unit Caspalca Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 746 Cont SA NameDeposit Rosario

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -12 Long.Deg -74 Dec.Lat -12.7166667 StateProvince

Lat.Min -43 Long.Min -20 Dec.Long -74.3333333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kobé, H.W., Stratabound Cu-(Ag) deposits in the Permian Mitu Formation, Central Peru *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 123-127.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 747 Cont SA NameDeposit Maria Magdalena

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -13 Long.Deg -72 Dec.Lat -13.3333333 StateProvince

Lat.Min -20 Long.Min -00 Dec.Long -72

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kobé, H.W., Stratabound Cu-(Ag) deposits in the Permian Mitu Formation, Central Peru *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 123-127.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 748 Cont SA NameDeposit Andarapa

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -13 Long.Deg -73 Dec.Lat -13.5005556 StateProvince

Lat.Min -30 Long.Min -22 Dec.Long -73.375

Lat.Sec -02 Long.Sec -30 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Grp

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 749 Cont SA NameDeposit Desaguadero

OtherNames

Includes

Country Code PERU Country Peru

Lat.Deg -14 Long.Deg -70 Dec.Lat -14.0833333 StateProvince

Lat.Min -05 Long.Min -36 Dec.Long -70.6

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age Permian Ma 260 Unit Mitu Grp

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 750 Cont SA NameDeposit San Silvestre

OtherNames

Includes Ana María, Tatutin, La Incognita, María Elena

Country Code BLVA Country Bolivia

Lat.Deg -16 Long.Deg -68 Dec.Lat -16.6083333 StateProvince

Lat.Min -36 Long.Min -53 Dec.Long -68.8875

Lat.Sec -30 Long.Sec -15 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Tiahuanacu

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite, azurite cuprite, tenorite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 751 Cont SA NameDeposit Chacoma

OtherNames

Includes Las Mercedes

Country Code BLVA Country Bolivia

Lat.Deg -16 Long.Deg -68 Dec.Lat -16.8005556 StateProvince

Lat.Min -48 Long.Min -25 Dec.Long -68.4202778

Lat.Sec -02 Long.Sec -13 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Tiahuanacu Fm.

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 752 Cont SA NameDeposit Corocoro

OtherNames

Includes Porvenir, Llallagua, María Elena, Pisaqueri, Americas

Country Code BLVA Country Bolivia

Lat.Deg -17 Long.Deg -68 Dec.Lat -17.1641667 StateProvince

Lat.Min -10 Long.Min -27 Dec.Long -68.4511111

Lat.Sec 09 Long.Sec -04 GeolProv 6065

OreMmt 7.8 CuGrade% 7.1 CoGrade% AgGradeppm 106

CuMmt .5538

DepositType Redbed Cu

Age Eocene Ma 45 Unit Caquiaveri, Ballivian Fms

HostRocks Red sandstone and mudstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, native copper, domeykite, native silver. Gypsum, anhydrite, barite, aragonite, celestite

TraceMinerals Bornite, covellite, chalcopyrite, galena, sphalerite, stromeyerite, tennantite. Chalcedony, alunite, clay

Comments Salt-gypsum diapirs. Ore contains 1.4 ppm U

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. , 1992, Mines prospects and mineral occurrences, Appendix A,*in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

Avila-Santos, W., 1990, Origin of the copper pres at Corocoro, Bolivia *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 659-670.

DepositID 753 Cont SA NameDeposit Paracatu

OtherNames

Includes

Country Code BRZL Country Brazil

Lat.Deg -17 Long.Deg -46 Dec.Lat -17.2333333 StateProvince

Lat.Min -14 Long.Min -52 Dec.Long -46.8666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Reduced facies Cu

Age U. Proterozoic Ma 1000 Unit Bambui Grp, Vazante Fm..

HostRocks Calareous siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 754 Cont SA NameDeposit Veta Verde

OtherNames

Includes

Country Code BLVA Country Bolivia

Lat.Deg -17 Long.Deg -68 Dec.Lat -17.3605556 StateProvince

Lat.Min -21 Long.Min -24 Dec.Long -68.4013889

Lat.Sec -38 Long.Sec -05 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Tiahuanacu

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, native copper and silver, bornite. Gypsum

TraceMinerals Galena

Comments Intruded by salt-gypsum diapir

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 755 Cont SA NameDeposit Callapa

OtherNames

Includes El Hogar, Noe Group, San Agustín, San Francisco, San

Country Code BLVA Country Bolivia

Lat.Deg -17 Long.Deg -68 Dec.Lat -17.4 StateProvince

Lat.Min -24 Long.Min -21 Dec.Long -68.355556

Lat.Sec -00 Long.Sec -20 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Totora Fms.

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, cuprite, native copper, malachite. Gypsum

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 756 Cont SA NameDeposit Chacarilla

OtherNames

Includes El Congreso, Porfia, Eureka, Mizague, Esperanza, La

Country Code BLVA Country Bolivia

Lat.Deg -17 Long.Deg -68 Dec.Lat -17.5833333 StateProvince

Lat.Min -35 Long.Min -12 Dec.Long -68.2

Lat.Sec Long.Sec GeolProv 6065

OreMmt 2.6 CuGrade% 2.78 CoGrade% AgGradeppm 15

CuMmt .07228

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca Fm.

HostRocks sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, native copper, bornite, chalcopyrite. Gypsum, celestite,  
pyrite

TraceMinerals

Comments Intruded by salt-gypsum diapir

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 757 Cont SA NameDeposit Chuquichambi

OtherNames

Includes Llanquera-San Miguel, Santa María

Country Code BLVA Country Bolivia

Lat.Deg -17 Long.Deg -67 Dec.Lat -17.9886111 StateProvince

Lat.Min -59 Long.Min -44 Dec.Long -67.7391667

Lat.Sec -19 Long.Sec -21 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm  
CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Totorá Fms.

HostRocks Red sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, malachite, azurite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 758 Cont SA NameDeposit Turco

OtherNames

Includes Santa Clara, Azurita, Corona de España, Cuprita

Country Code BLVA Country Bolivia

Lat.Deg -18 Long.Deg -68 Dec.Lat -18.2652778 StateProvince

Lat.Min -15 Long.Min -03 Dec.Long -68.0644444

Lat.Sec -55 Long.Sec -52 GeolProv

OreMmt .14 CuGrade% 2.1 CoGrade% AgGradeppm

CuMmt .00294

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Totora Fms.

HostRocks Arkose, tuffaceous sandstone, basalt

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, cuprite, native copper, tennantite. Celestite, calcite, chlorite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 759 Cont SA NameDeposit Sevaruyo

OtherNames

Includes Amistad, Concepción, Tambillo

Country Code BLVA Country Bolivia

Lat.Deg -19 Long.Deg -66 Dec.Lat -19.3733333 StateProvince

Lat.Min -22 Long.Min -55 Dec.Long -66.9188889

Lat.Sec -24 Long.Sec -08 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Huayllamarca, Totorá Fms.

HostRocks Arkose, tuffaceous sandstone, basalt

HangingwallBeds

FootwallRocks

Mineralogy Cuprite, native copper, malachite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 760 Cont SA NameDeposit Sagasca

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -20 Long.Deg -69 Dec.Lat -20.2 StateProvince

Lat.Min -12 Long.Min -21 Dec.Long -69.35

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age Tertiary Ma 30 Unit

HostRocks Conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chrycocolla

TraceMinerals

Comments May be an exotic Cu deposit

Reference

DepositID 761 Cont SA NameDeposit Uyuni

OtherNames

Includes Cobrizos, Iñez, Koholpani, Puntillas

Country Code BLVA Country Bolivia

Lat.Deg -20 Long.Deg -67 Dec.Lat -20.9936111 StateProvince

Lat.Min -59 Long.Min -12 Dec.Long -67.21

Lat.Sec -37 Long.Sec -36 GeolProv

OreMmt .39 CuGrade% 0.79 CoGrade% AgGradeppm

CuMmt .003081

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Quehua, San Vicente Fms.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, tenorite, malachite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 762 Cont SA NameDeposit Esmeralda

OtherNames

Includes San Pablito, Mesa Verde, Ucraina, Huancané, Ladislau

Country Code BLVA Country Bolivia

Lat.Deg -21 Long.Deg -66 Dec.Lat -21.3916667 StateProvince

Lat.Min -23 Long.Min -34 Dec.Long -66.5688889

Lat.Sec -30 Long.Sec -08 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit Quehua, Potoco Fms.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, cuprite, tenorite, malachite

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 763 Cont SA NameDeposit Avaroa

OtherNames

Includes Bolívar, Mantos Blancos, El Morro, Linares, Cerro Negro,

Country Code BLVA Country Bolivia

Lat.Deg -21 Long.Deg -67 Dec.Lat -21.6075 StateProvince

Lat.Min -36 Long.Min -02 Dec.Long -67.0452778

Lat.Sec -27 Long.Sec -43 GeolProv

OreMmt 0.43 CuGrade% 4.9 CoGrade% AgGradeppm

CuMmt .02107

DepositType Redbed Cu

Age Oligocene Ma 35 Unit Quehua Fm.

HostRocks Sandstone, conglomerate

HangingwallBeds Tuff

FootwallRocks

Mineralogy Chalcocite, bornite, native copper, cuprite. Calcite, celestite

TraceMinerals

Comments Contains high levels of arsenic

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 764 Cont SA NameDeposit Serranía de las Minas

OtherNames

Includes Farellon, Cerro Colorado, 25 de Julio, Copacabana,

Country Code BLVA Country Bolivia

Lat.Deg -21 Long.Deg -67 Dec.Lat -21.7158333 StateProvince

Lat.Min -42 Long.Min -27 Dec.Long -67.4630556

Lat.Sec -57 Long.Sec -47 GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age L. Tertiary Ma 45 Unit San Vicente, Potoco Fms.

HostRocks Sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, bornite, native copper

TraceMinerals

Comments

Reference Cox, D.P., Carrasco, R. André-Ramos, O., Hinolosa-Velasco, A., and Long, K.R., 1992, Copper in sedimentary rocks *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 95-108.

Long, K.R. Mines prospects and mineral occurrences, Appendix A, *in* U.S. Geological Survey and Servicio Geológico de Bolivia, Geology and mineral resources of the Altiplano and Cordillera Occidental, Bolivia: U.S. Geological Survey Bulletin 1975, p. 244-272.

DepositID 765 Cont SA NameDeposit San Bartolo

OtherNames Artola mine

Includes

Country Code CILE Country Chile

Lat.Deg -22 Long.Deg -68 Dec.Lat -22.7333333 StateProvince Antofagasta

Lat.Min -44 Long.Min -14 Dec.Long -68.2333333

Lat.Sec Long.Sec GeolProv 6006

OreMmt 1.5 CuGrade% 2 CoGrade% AgGradeppm

CuMmt .03

DepositType Redbed Cu

Age Oligocene-Miocene Ma 24 Unit Paciencia Grp, Artola Mbr

HostRocks Arkose, red mudstone

HangingwallBeds

FootwallRocks

Mineralogy Atacamite, tenorite, cuprite, native copper, native silver, Digenite, chalcopyrite pyrite

TraceMinerals Galena

Comments Oxide copper minerals at Artola mine, sulfides at Palicaye mine

Reference Flint, S., 1986, Sedimentary and diagenetic controls on red bed ore genesis-the mid Tertiary San Bartolo copper deposit, Antofagasto Province, Chile: Economic Geology, v. 81, p. 761-778.  
Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p

DepositID 766 Cont SA NameDeposit Caleta Coloso

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -23 Long.Deg -70 Dec.Lat -23.7494444 StateProvince

Lat.Min -44 Long.Min -30 Dec.Long -70.5

Lat.Sec -58 Long.Sec 00 GeolProv

OreMmt 0.185 CuGrade% 3 CoGrade% AgGradeppm

CuMmt .00555

DepositType Redbed Cu

Age U. Jurssic Ma 160 Unit Coloso Fm.

HostRocks Conglomerate, sandstone

HangingwallBeds

FootwallRocks

Mineralogy Chalcocite, covellite, bornite, chalcopyrite. Atacamite. Hematite, albite, analcite K-feldspar

TraceMinerals Malachite, chalcantinite, cuprite

Comments

Reference Flint, S., and Turner, P., 1990, The conglomerate-hosted copper deposits at Caleta Coloso, Chile *in* Fontboté, L., Amstitz, G.C., Cardozo, M., Cedillo, E., and Frutos, J., eds., Statabound Ore Deposits of the Andes: Society for Geology Applied to Mineral Deposits Special Publication No. 8, p. 339-352.

Kirkham, R.V, Carriere, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:

Geological Survey of Canada Open File 2915b, 256 p.

DepositID 767 Cont SA NameDeposit Martín Bronce

OtherNames

Includes

Country Code AGTN Country Argentina

Lat.Deg -24 Long.Deg -64 Dec.Lat -24 StateProvince Jujuy

Lat.Min 00 Long.Min -25 Dec.Long -64.416667

Lat.Sec Long.Sec GeolProv

OreMmt 3.235 CuGrade% 2.41 CoGrade% AgGradeppm

CuMmt .0779635

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Lecho Fm.

HostRocks Sandstone , conglomerate

HangingwallBeds Sandstone

FootwallRocks Conglomerate

Mineralogy Malachite, brochantite, azurite, hematite,

TraceMinerals Chalcocite, chalcopyrite, covellite, pyrite

Comments

Reference Avila, J.C., 1999, El Yacimiento de cobre Martín Bronce, Jujuy *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 947-949.

DepositID 768 Cont SA NameDeposit Juaramento

OtherNames

Includes

Country Code AGTN Country Argentina

StateProvince Salta

Lat.Deg -25 Long.Deg -65 Dec.Lat -25.2166667

Lat.Min -13 Long.Min -09 Dec.Long -65.15

Lat.Sec Long.Sec GeolProv

OreMmt 59.2 CuGrade% 0.83 CoGrade% AgGradeppm 19.2

CuMmt .49136

DepositType Reduced facies Cu

Age U.Cretaceous Ma 90 Unit Lecho Fm.

HostRocks Limestone, siltsone

HangingwallBeds Sandstone

FootwallRocks Conglomerate, sandstone

Mineralogy Chalcocite, bornite, chalcopyrite, tennantite-tetrahedrite galena,  
sphalerite pyrite gypsum

TraceMinerals Gold

Comments

Reference Peral, A.P., and Wormald, P.J., 1999, Mineralización cuprífera del área Juaramento, Salta *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 947-949.

Durieux, C.G., and Brown, A.C., 2001, Diagenetic stratiform copper-silver mineralization, Salta district, northwestern Argentina: Piestrzynski et al eds. Mineral Deposits at the Beginning of the 21st Century, p.227-230

DepositID 769 Cont SA NameDeposit Perau

OtherNames

Includes

Country Code BRZL Country Brazil

Lat.Deg -25 Long.Deg -49 Dec.Lat -25.5 StateProvince

Lat.Min -30 Long.Min 00 Dec.Long -49

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 1000 Unit Bambui Grp, Vazante Fm..

HostRocks Calareous siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 770 Cont SA NameDeposit Jardin

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -27 Long.Deg -70 Dec.Lat -27.7583333 StateProvince

Lat.Min -45 Long.Min -11 Dec.Long -70.1916667

Lat.Sec -30 Long.Sec -30 GeolProv

OreMmt 2 CuGrade% 1.75 CoGrade% AgGradeppm 140

CuMmt .035

DepositType Uncl.

Age Paleocene Ma 60 Unit Hornitos Fm.

HostRocks Tuff, siltstone, carbonaceous shale, ignimbrite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 771 Cont SA NameDeposit Salsinho

OtherNames

Includes Bom Jardim

Country Code BRZL Country Brazil

Lat.Deg -30 Long.Deg -53 Dec.Lat -30.5 StateProvince Rio Grande do Sul

Lat.Min -30 Long.Min -18 Dec.Long -53.3

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 700 Unit Maricá Grp.

HostRocks sandstone, conglomerate

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Partly stratiform, partly vein controlled.

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 in Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brazil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 772 Cont SA NameDeposit Cerro dos Martíns

OtherNames

Includes Cerro das Ovelhas

Country Code BRZL Country Brazil

Lat.Deg -30 Long.Deg -53 Dec.Lat -30.7166667 StateProvince Rio Grande  
do Sul

Lat.Min -43 Long.Min -27 Dec.Long -53.45

Lat.Sec Long.Sec GeolProv

OreMmt 1.5 CuGrade% 0.89 CoGrade% AgGradeppm

CuMmt .01335

DepositType Uncl.

Age U. Proterozoic Ma 700 Unit Maricá Grp.

HostRocks sandstone, andesite

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Includes Pb and Zn. Partly stratiform, partly vein controlled.

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in* Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brazil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 773 Cont SA NameDeposit Camaquã District

OtherNames

Includes São Luis, Uruguai, Cemitério

Country Code BRZL Country Brazil

Lat.Deg -30 Long.Deg -53 Dec.Lat -30.9166667 StateProvince Rio Grande  
do Sul

Lat.Min -55 Long.Min -26 Dec.Long -53.4333333

Lat.Sec Long.Sec GeolProv

OreMmt 31 CuGrade% 1.06 CoGrade% AgGradeppm

CuMmt .3286

DepositType Uncl.

Age U. Proterozoic Ma 700 Unit Maricá Grp.

HostRocks Conglomerate, sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments Contains Ag, grade not given. Also 0.3-0.5 g/t Au. Partly stratiform,  
parly vein controled.

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in*  
Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds.,  
Geologia do Brazil, Texto Explicativa: Departamento Nacional de  
Produção Mineral, p. 359-419

DepositID 774 Cont SA NameDeposit Casa de Pedra

OtherNames

Includes Passo Catarina

Country Code BRZL Country Brazil

Lat.Deg -30 Long.Deg -53 Dec.Lat -30.9833333 StateProvince Rio Grande  
do Sul

Lat.Min -59 Long.Min -34 Dec.Long -53.5666667

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Proterozoic Ma 700 Unit Maricá Grp.

HostRocks Sandstone, siltstone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Azevedo Branco, P.C., 1984, Principais depósitos minerais, Chapter 9 *in* Schobbenhaus, C, Almeida Campos, D., Derze, G.R., and Asmus, H.E., eds., Geologia do Brazil, Texto Explicativa: Departamento Nacional de Produção Mineral, p. 359-419

DepositID 775 Cont SA NameDeposit Rusa

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -32 Long.Deg -71 Dec.Lat -32.35 StateProvince

Lat.Min -21 Long.Min -05 Dec.Long -71.0833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit

HostRocks Shaley limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 776 Cont SA NameDeposit Veta Negra

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -32 Long.Deg -71 Dec.Lat -32.4833333 StateProvince

Lat.Min -29 Long.Min -06 Dec.Long -71.1

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit

HostRocks Black shale

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 777 Cont SA NameDeposit Carmen

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -32 Long.Deg -71 Dec.Lat -32.5 StateProvince

Lat.Min -30 Long.Min 00 Dec.Long -71

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age L. Cretaceous Ma 120 Unit

HostRocks Laminated black limestone

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 778 Cont SA NameDeposit Cerro Negro

OtherNames

Includes

Country Code CILE Country Chile

Lat.Deg -32 Long.Deg -70 Dec.Lat -32.5666667 StateProvince

Lat.Min -34 Long.Min -05 Dec.Long -70.0833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Uncl.

Age U. Cretaceous Ma 80 Unit

HostRocks Breccia, clastic sediments

HangingwallBeds

FootwallRocks

Mineralogy

TraceMinerals

Comments

Reference Kirkham, R.V, Carriere, J.J., Laramie, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences:  
Geological Survey of Canada Open File 2915b, 256 p.

DepositID 779 Cont SA NameDeposit San Romeleo

OtherNames

Includes

Country Code AGTN Country Argentina

Lat.Deg -36 Long.Deg -69 Dec.Lat -36.5833333 StateProvince Mendoza

Lat.Min -35 Long.Min -27 Dec.Long -69.45

Lat.Sec Long.Sec GeolProv

OreMmt 0.257 CuGrade% 1.29 CoGrade% AgGradeppm

CuMmt .0033153

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Diamante Fm.

HostRocks Feldspathic sandstone, calcareous, gypsiferous, bituminous

HangingwallBeds

FootwallRocks

Mineralogy Chalcantite, malachite, azurite, brochantite, antlerite, chalcocite,  
cuprite bitumen

TraceMinerals

Comments

Reference Centeno, R. and Fusari, C.1999, Mina San Romeleo *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1148.

DepositID 780 Cont SA NameDeposit Campesino Norte

OtherNames

Includes

Country Code AGTN Country Argentina

Lat.Deg -38 Long.Deg -69 Dec.Lat -38.3 StateProvince Neuquén

Lat.Min ? Long.Min -03 Dec.Long -69.05

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Huincul Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chrysocolla, bitumen

TraceMinerals Chalcocite

Comments

Reference Lyons, W.A.1999, Las areniscas cupríferas del Neuquén *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1158.

DepositID 781 Cont SA NameDeposit Sausal Bonita

OtherNames

Includes Puesto Lago

Country Code AGTN Country Argentina

Lat.Deg -38 Long.Deg -69 Dec.Lat -38.6333333 StateProvince Neuquén

Lat.Min ? Long.Min -11 Dec.Long -69.1833333

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Huincul Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chalcocite, chrysocolla, bitumen

TraceMinerals

Comments

Reference Lyons, W.A.1999, Las areniscas cupríferas del Neuquén *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1158.

DepositID 782 Cont SA NameDeposit Cerro Mesa

OtherNames

Includes La Olla, Santa Genoveva

Country Code AGTN Country Argentina

Lat.Deg -38 Long.Deg -69 Dec.Lat -38.6833333 StateProvince Neuquén

Lat.Min ? Long.Min -36 Dec.Long -69.6

Lat.Sec Long.Sec GeolProv

OreMmt CuGrade% CoGrade% AgGradeppm

CuMmt

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Huincul Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chalcocite, azurite, calcite, bitumen

TraceMinerals

Comments Contain U minerals

Reference Lyons, W.A.1999, Las areniscas cupríferas del Neuquén *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1158.

DepositID 783 Cont SA NameDeposit Barda González

OtherNames

Includes Tordillos

Country Code AGTN Country Argentina

StateProvince Neuquén

Lat.Deg -38 Long.Deg -68 Dec.Lat -38.8833333

Lat.Min -53 Long.Min -59 Dec.Long -68.9833333

Lat.Sec Long.Sec GeolProv

OreMmt 35.5 CuGrade% 0.368 CoGrade% AgGradeppm 2.5

CuMmt .13064

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Portezuelo Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, calcite, bitumen, pitchblende, carnotite

TraceMinerals Chalcocite, azurite

Comments

Reference Lyons, W.A.1999, Las areniscas cupríferas del Neuquén *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1158.

DepositID 784 Cont SA NameDeposit Cerro Granito  
OtherNames El Porvenir  
Includes Barda Negra  
Country Code AGTN Country Argentina  
Lat.Deg -39 Long.Deg -69 Dec.Lat -39.2166667 StateProvince Neuquén  
Lat.Min -13 Long.Min -49 Dec.Long -69.8166667  
Lat.Sec Long.Sec GeolProv  
OreMmt 2 CuGrade% 0.5 CoGrade% AgGradeppm  
CuMmt .01

DepositType Redbed Cu

Age U.Cretaceous Ma 90 Unit Huincul Fm.

HostRocks Sandstone

HangingwallBeds

FootwallRocks

Mineralogy Malachite, chalcocite, calcite, bitumen

TraceMinerals

Comments

Reference Lyons, W.A.1999, Las areniscas cupríferas del Neuquén *in* Zappettini, E.O., Segal, S., Godeas, M., Brodkorb, M.K., Schalamuk, I.A., eds., Recursos Minerales de la Republica Argentina: Instituto de Geologia y Recursos Minerales SEGEMAR, Anales 5, p. 1147-1158.